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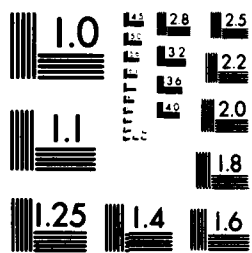
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STALLION SITE, SAN MARCIAL, NEW MEXICO. REVISED UNIFORM SUMMARY--ETC(U)  
FEB 78

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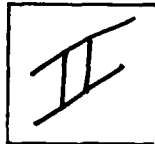


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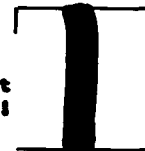
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USAFETAC  
Air Weather Service ( MAC )**

**REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS**

STATION SITE NM                      WBAN# 93061  
N 33 48    W 106 40    FLD ELEV 4900 FT    WMO#

PARTS A, C-F

POR FROM HOURLY OBS: MAR 61-SEP 62, DEC 62-DEC 73

POR FROM DAILY OBS: MAR 61-SEP 62, DEC 62-DEC 73

**FEB 21 1975**

**A082412**

**FEDERAL BUILDING  
ASHEVILLE, N. C.**

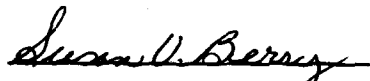
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FOR THE COMMANDER

  
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|--|-----------------------|--|
| 1. REPORT NUMBER   | 2. GOVT ACCESSION NO. | 3. RECIPIENT'S CATALOG NUMBER                                  |
| USAFETAC/DS- 80/020  |                       |  |
| 4. TITLE (and Subtitle)  |                       | 5. TYPE OF REPORT & PERIOD COVERED                             |
| Revised Uniform Summary of Surface Weather<br>Observations (RUSSWO)-<br>Stallion Site, San Marcial, New Mexico   |                       | Final rept.  |
| 7. AUTHOR(s)   |                       | 6. PERFORMING ORG. REPORT NUMBER                               |
|  |                       |  |
| 9. PERFORMING ORGANIZATION NAME AND ADDRESS  |                       | 10. PROGRAM ELEMENT, PROJECT, TASK<br>AREA & WORK UNIT NUMBERS |
| USAFETAC/OL-A<br>Air Force Environmental Technical Appl. Center<br>Scott AFB IL 62225  |                       |  |
| 11. CONTROLLING OFFICE NAME AND ADDRESS  |                       | 12. REPORT DATE  |
| USAFETAC/CBD<br>Air Weather Service (MAC)<br>Scott AFB IL 62225  |                       | 21 Feb 75  |
| 14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)  |                       | 13. NUMBER OF PAGES  |
|  |                       | p.   |
|  |                       | 15. SECURITY CLASS. (of this report)                           |
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| 18. SUPPLEMENTARY NOTES  |                       |  |
|  |                       |  |
| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number)   |                       |  |
| *RUSSWO  | Daily temperature     | Atmospheric pressure   |
| Snowfall   | Extreme snow depth    | Extreme surface winds  |
| Climatology  | Sea-level pressure    | Psychrometric summary  |
| Surface Winds  | Extreme temperature   | Ceiling versus visibility                                      |
| Relative humidity  | *Climatological data  | (over)   |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number)  |                       |  |
| This report is a six-part statistical summary of surface weather observations for<br>Stallion Site, San Marcial, New Mexico<br>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena;<br>(B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values);<br>(C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric<br>Summaries (daily maximum and minimum temperatures, extreme maximum and minimum<br>temperatures, psychrometric summary of wet-bulb temperature depression versus<br>dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over). |                       |  |

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19. Percentge frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\* New Mexico

\* Stallion Site, NM

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV  
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

| STATION NO ON SUMMARY<br>93061               |                              | STATION NAME<br>STALLION SITE WHITE SANDS MISSILE<br>RANGE NM |                        | LATITUDE<br>33 48N  |                    | LONGITUDE<br>106 40W                                |                     | FIELD ELEV (FT.)<br>4900 |   | CALL SIGN |  | WMO NUMBER |  |
|--|------------------------------|---|------------------------|---------------------|--------------------|---|---------------------|--------------------------|---|-----------|--|------------|--|
| STATION LOCATION AND INSTRUMENTATION HISTORY |                              |   |                        |                     |                    |   |                     |                          |   |           |  |            |  |
| NUMBER<br>OF<br>LOCATION                     | GEOGRAPHICAL LOCATION & NAME | TYPE<br>OF<br>STATION   | AT THIS LOCATION       |                     | LATITUDE           | LONGITUDE   | ELEVATION ABOVE MSL |                          | OBS<br>PER<br>DAY                         |           |  |            |  |
|  |                              |   | FROM                   | TO                  |                    |   | FIELD (FT)          | MT. BARS.                |   |           |  |            |  |
| 1  | Stallion Site NM             | Army  | 1 Mar 61               | 6 Sep 62            | 33 48N             | 106 40W   | 4900                | 4940                     | 8-9 obs/ds<br>Mon-Fri<br>holidays<br>Same |           |  |            |  |
| 2  | Same                         | Same  | 27 Dec 62              | Dec 73              | Same               | Same  | Same                | Same                     | Same                                      |           |  |            |  |
| NUMBER<br>OF<br>LOCATION                     | DATE<br>OF<br>CHANGE         | SURFACE WIND EQUIPMENT INFORMATION                            |                        |                     |                    | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |                     |                          |   |           |  |            |  |
|  |                              | LOCATION  | TYPE OF<br>TRANSMITTER | TYPE OF<br>RECORDER | HT ABOVE<br>GROUND |   |                     |                          |   |           |  |            |  |
| 1  | 9 Mar 56                     | Located 100 feet East of<br>Operations Building               | AN/GMQ-1               | N/A                 | 15 Ft              | Last known report available.                        |                     |                          |   |           |  |            |  |
| 2  | 14 Mar 61                    | Unknown   |                        |                     |                    |   |                     |                          |   |           |  |            |  |

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APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

93001  
STATION

STATION SITE NM  
STATION NAME

61-73

YEARS

ALL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN &/OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN    | ALL               |                    | 1.1                       | .0                               | 6.3                     |      | 7.4                         | .5  |                         | .1              | .0                     | .6                                 | 2343                    |
| FEB    |                   | .0                 | 1.5                       |                                  | 1.2                     |      | 2.7                         | .1  |                         | .1              | .1                     | .3                                 | 2160                    |
| MAR    |                   | .1                 | .6                        |                                  | .8                      | .0   | 1.5                         | .2  |                         | .1              | .3                     | .6                                 | 2783                    |
| APR    |                   | .1                 | .5                        |                                  | .1                      |      | .7                          | .0  | .0                      |                 | .8                     | .8                                 | 2584                    |
| MAY    |                   | 1.6                | 1.3                       |                                  |                         | .0   | 1.3                         |     |                         |                 | .3                     | .3                                 | 2647                    |
| JUN    |                   | .5                 | .9                        |                                  |                         |      | .9                          |     |                         |                 | .2                     | .2                                 | 2622                    |
| JUL    |                   | 1.4                | 4.6                       |                                  |                         |      | 4.6                         | .1  |                         |                 |                        | .1                                 | 2606                    |
| AUG    |                   | 2.2                | 2.6                       |                                  |                         |      | 2.6                         |     |                         |                 | .2                     | .2                                 | 2816                    |
| SEP    |                   | 2.0                | 2.1                       |                                  |                         |      | 2.1                         | .0  |                         |                 |                        | .0                                 | 2273                    |
| OCT    |                   | .1                 | 4.8                       |                                  | .1                      |      | 4.8                         | .1  |                         | .1              |                        | .2                                 | 2302                    |
| NOV    |                   | .4                 | 4.7                       |                                  | .1                      |      | 4.7                         | .3  |                         | .0              | .0                     | .3                                 | 2125                    |
| DEC    |                   |                    | .8                        |                                  | .8                      | .1   | 1.7                         | .1  |                         | .1              |                        | .3                                 | 2099                    |
| TOTALS |                   | .7                 | 2.1                       | .0                               | .8                      | .0   | 2.9                         | .1  | .0                      | .0              | .2                     | .3                                 | 29362                   |



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# WEATHER CONDITIONS

93061 STALLION STEEP 02-73 JAN  
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN &/OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN    | 00-02             |                    |                           |                                  | 25.0                    |      | 25.0                        |     |                         |                 |                        |                                    | 8                       |
|        | 03-05             |                    |                           |                                  | 20.0                    |      | 20.0                        |     |                         |                 |                        |                                    | 10                      |
|        | 06-08             |                    | .9                        | .3                               | 2.8                     |      | 4.0                         | 2.4 |                         | .3              | .3                     | 3.1                                | 327                     |
|        | 09-11             |                    | .7                        |                                  | .5                      |      | 1.2                         | 1.2 |                         | .1              |                        | 1.3                                | 750                     |
|        | 12-14             |                    | 1.2                       |                                  | .8                      |      | 2.0                         |     |                         | .1              |                        | .1                                 | 747                     |
|        | 15-17             |                    | .9                        |                                  | .9                      |      | 1.7                         |     |                         |                 |                        |                                    | 469                     |
|        | 18-20             |                    | 5.0                       |                                  |                         |      | 5.0                         |     |                         |                 |                        |                                    | 20                      |
|        | 21-23             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 12                      |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   |                    | 1.1                       | .0                               | 6.3                     |      | 7.4                         | .5  |                         | .1              | .0                     | .6                                 | 2343                    |

3  
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AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

03061 STALLION SITE 02-73 PER MONTH  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN &/OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| FEB    | 00-02             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 0                       |
|        | 03-05             |                    | 7.1                       |                                  |                         |      | 7.1                         |     |                         |                 |                        |                                    | 14                      |
|        | 06-08             |                    | 1.6                       |                                  | 2.7                     |      | 4.1                         | .7  |                         | .3              |                        | 1.0                                | 291                     |
|        | 09-11             |                    | 1.6                       |                                  | 2.8                     |      | 4.4                         |     |                         | .3              | .3                     | .6                                 | 687                     |
|        | 12-14             |                    | .6                        |                                  | 2.0                     |      | 2.6                         |     |                         |                 | .4                     | .4                                 | 685                     |
|        | 15-17             | .2                 | 1.6                       |                                  | 2.0                     |      | 3.6                         |     |                         |                 | .2                     | .7                                 | 440                     |
|        | 18-20             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 21                      |
|        | 21-23             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 10                      |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   | .0                 | 1.9                       |                                  | 1.2                     |      | 2.7                         | .1  |                         | .1              | .1                     | .3                                 | 2160                    |

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## WEATHER CONDITIONS

01001 STATION 01-73 01-73  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN &/OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN    | 00-02             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 10                      |
|        | 03-05             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 27                      |
|        | 06-08             |                    | .7                        |                                  | 1.7                     |      | 2.5                         | 1.0 |                         |                 | .5                     | 1.5                                | 400                     |
|        | 09-11             |                    | .5                        |                                  | 2.3                     |      | 2.8                         | .2  |                         |                 | .5                     | .8                                 | 660                     |
|        | 12-14             | .1                 | 1.7                       |                                  | 1.0                     | .1   | 2.8                         |     |                         | .3              | .2                     | 1.4                                | 660                     |
|        | 15-17             | .4                 | 2.0                       |                                  | 1.5                     |      | 3.5                         |     |                         | .2              | .7                     | .2                                 | 547                     |
|        | 18-20             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 30                      |
|        | 21-23             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 27                      |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   | .1                 | .6                        |                                  | .8                      | .0   | 1.5                         | .2  |                         | .1              | .3                     | .5                                 | 2783                    |

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# WEATHER CONDITIONS

93001 STATION 93001 STATION NAME (1-7) YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM MONTHLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBSY<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| APR    | 00-02             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        | 03-05             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 1                       |
|        | 06-08             | .2                 | 1.2                       |                                  | .2                      |      | 1.4                         |     |                         |                 |                        |                                    | 11                      |
|        | 09-11             | .1                 | .4                        |                                  | .2                      |      | .6                          |     | .1                      |                 |                        |                                    | 1                       |
|        | 12-14             | .2                 | 1.1                       |                                  | .2                      |      | 1.4                         | .1  |                         |                 |                        |                                    | 12                      |
|        | 15-17             | .2                 | 1.4                       |                                  | .4                      |      | 1.9                         |     |                         |                 |                        |                                    | 13                      |
|        | 18-20             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 1                       |
|        | 21-23             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 11                      |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   | .1                 | .9                        |                                  | .1                      |      | .7                          | .0  | .0                      |                 | .5                     | .8                                 | 298                     |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

93051  
STATION

STALLION SITE NM  
STATION NAME

61-73  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN &/OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAY    | 00-02             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 10                      |
|        | 03-05             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 30                      |
|        | 06-08             | .4                 | 1.1                       |                                  |                         |      | 1.1                         |     |                         |                 |                        |                                    | 527                     |
|        | 09-11             | .5                 | .7                        |                                  |                         |      | .7                          |     |                         |                 | .5                     | .5                                 | 825                     |
|        | 12-14             | .5                 | .9                        |                                  |                         |      | .9                          |     |                         |                 | 1.1                    | 1.1                                | 615                     |
|        | 15-17             | 1.4                | 1.9                       |                                  |                         | .3   | 2.2                         |     |                         |                 | .3                     | .3                                 | 365                     |
|        | 18-20             | 9.6                | 5.8                       |                                  |                         |      | 5.8                         |     |                         |                 |                        |                                    | 92                      |
|        | 21-23             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 23                      |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   | 1.6                | 1.3                       |                                  |                         | .0   | 1.3                         |     |                         |                 | .3                     | .3                                 | 2647                    |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

92061 STALLION SITE NM 01-73  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN &/OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JULY   | 00-02             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 10                      |
|        | 03-05             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 17                      |
|        | 06-08             | .6                 | 1.6                       |                                  |                         |      | 1.6                         |     |                         |                 | .6                     | .6                                 | 503                     |
|        | 09-11             | .1                 | 1.4                       |                                  |                         |      | 1.4                         |     |                         |                 | .1                     | .1                                 | 804                     |
|        | 12-14             | .5                 | 1.1                       |                                  |                         |      | 1.1                         |     |                         |                 | .5                     | .5                                 | 613                     |
|        | 15-17             | 3.1                | 3.4                       |                                  |                         |      | 3.4                         |     |                         |                 | .3                     | .3                                 | 383                     |
|        | 18-20             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 53                      |
|        | 21-23             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 33                      |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   | .9                 | .9                        |                                  |                         |      | .9                          |     |                         |                 | .2                     | .7                                 | 2622                    |

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# WEATHER CONDITIONS

93001  
STATION

STALLION SITE NM  
STATION NAME

01-73  
YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN &/OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUL    | 00-02             |                    | 11.8                      |                                  |                         |      | 11.8                        |     |                         |                 |                        |                                    | 17                      |
|        | 03-05             |                    | 3.2                       |                                  |                         |      | 3.2                         |     |                         |                 |                        |                                    | 31                      |
|        | 06-08             |                    | 1.8                       |                                  |                         |      | 1.8                         | .4  |                         |                 |                        | .4                                 | 507                     |
|        | 09-11             |                    | .9                        |                                  |                         |      | .9                          |     |                         |                 |                        |                                    | 803                     |
|        | 12-14             | 1.1                | 2.1                       |                                  |                         |      | 2.1                         |     |                         |                 |                        |                                    | 799                     |
|        | 15-17             | 4.0                | 4.3                       |                                  |                         |      | 4.3                         |     |                         |                 |                        |                                    | 374                     |
|        | 18-20             | 2.6                | 2.6                       |                                  |                         |      | 2.6                         |     |                         |                 |                        |                                    | 30                      |
|        | 21-23             | 3.3                | 10.0                      |                                  |                         |      | 10.0                        |     |                         |                 |                        |                                    | 30                      |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   | 1.4                | 4.6                       |                                  |                         |      | 4.6                         | .1  |                         |                 |                        | .1                                 | 2606                    |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

93061  
STATION

STALLION SITE NM  
STATION NAME

61-73

YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN &/OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| AUG    | 00-02             |                    | 5.0                       |                                  |                         |      | 5.0                         |     |                         |                 |                        |                                    | 20                      |
|        | 03-05             |                    | 7.1                       |                                  |                         |      | 7.1                         |     |                         |                 |                        |                                    | 42                      |
|        | 06-08             |                    | 2.3                       |                                  |                         |      | 2.3                         |     |                         |                 |                        |                                    | 555                     |
|        | 09-11             |                    | .9                        |                                  |                         |      | .9                          |     |                         |                 |                        |                                    | 854                     |
|        | 12-14             | 2.0                | 1.8                       |                                  |                         |      | 1.8                         |     |                         |                 |                        |                                    | 846                     |
|        | 15-17             | 3.7                | 3.5                       |                                  |                         |      | 3.5                         |     |                         |                 |                        |                                    | 402                     |
|        | 18-20             | 1.9                |                           |                                  |                         |      |                             |     |                         |                 | 1.9                    | 1.9                                | 54                      |
|        | 21-23             | 7.7                |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 39                      |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   | 2.2                | 2.6                       |                                  |                         |      | 2.6                         |     |                         |                 | .2                     | .2                                 | 2816                    |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

03001  
STATION

STATION SITE NAME

61-73

YEARS

SFP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN &/OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| SEP    | 00-02             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 10                      |
|        | 03-05             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 34                      |
|        | 06-08             | .5                 | 1.6                       |                                  |                         |      | 1.6                         | .2  |                         |                 |                        | .7                                 | 428                     |
|        | 09-11             |                    | 1.0                       |                                  |                         |      | 1.0                         |     |                         |                 |                        |                                    | 684                     |
|        | 12-14             | 1.2                | 2.2                       |                                  |                         |      | 2.2                         |     |                         |                 |                        |                                    | 685                     |
|        | 15-17             | 4.4                | 4.4                       |                                  |                         |      | 4.4                         |     |                         |                 |                        |                                    | 339                     |
|        | 18-20             | 2.0                | 2.0                       |                                  |                         |      | 2.0                         |     |                         |                 |                        |                                    | 51                      |
|        | 21-23             | 7.0                | 5.3                       |                                  |                         |      | 5.3                         |     |                         |                 |                        |                                    | 38                      |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   | 2.0                | 2.1                       |                                  |                         |      | 2.1                         | .0  |                         |                 |                        | .0                                 | 2275                    |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

93001 STALLION SITE NM 01,63-73 LCT  
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN &/OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JCT    | 00-02             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 5                       |
|        | 03-05             |                    | 4.3                       |                                  |                         |      | 4.3                         |     |                         |                 |                        |                                    | 23                      |
|        | 06-08             |                    | 2.8                       |                                  | .2                      |      | 3.0                         | .7  |                         | .2              |                        | 1.2                                | 421                     |
|        | 09-11             |                    | 1.7                       |                                  | .4                      |      | 2.1                         | .1  |                         | .3              |                        | .4                                 | 724                     |
|        | 12-14             | .3                 | 1.3                       |                                  |                         |      | 1.3                         |     |                         |                 |                        |                                    | 717                     |
|        | 15-17             | .8                 | 1.7                       |                                  |                         |      | 1.7                         |     |                         |                 |                        |                                    | 354                     |
|        | 18-20             |                    | 8.6                       |                                  |                         |      | 8.6                         |     |                         |                 |                        |                                    | 33                      |
|        | 21-23             |                    | 17.6                      |                                  |                         |      | 17.6                        |     |                         |                 |                        |                                    | 17                      |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   | .1                 | 4.8                       |                                  | .1                      |      | 4.8                         | .1  |                         | .1              |                        | .2                                 | 2302                    |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

94001  
STATION

STATION SITE NM

STATION NAME

01,63-73

YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN &/OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| NOV    | 00-02             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 3                       |
|        | 03-05             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 11                      |
|        | 06-08             |                    | 2.2                       |                                  | .7                      |      | 2.9                         | 1.4 |                         |                 |                        | 1.4                                | 278                     |
|        | 09-11             |                    | 2.3                       |                                  |                         |      | 2.3                         | .9  |                         | .2              | .2                     | 1.1                                | 666                     |
|        | 12-14             | .1                 | 1.2                       |                                  |                         |      | 1.2                         |     |                         |                 |                        |                                    | 670                     |
|        | 15-17             | .2                 | .7                        |                                  |                         |      | .7                          |     |                         |                 |                        |                                    | 445                     |
|        | 18-20             | 2.6                | 7.7                       |                                  |                         |      | 7.7                         |     |                         |                 |                        |                                    | 39                      |
|        | 21-23             |                    | 23.1                      |                                  |                         |      | 23.1                        |     |                         |                 |                        |                                    | 13                      |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   | .4                 | 4.7                       |                                  | .1                      |      | 4.7                         | .3  |                         | .0              | .0                     | .3                                 | 2125                    |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## WEATHER CONDITIONS

03061  
STATION

STATION SITE NM  
STATION NAME

41-73

YEARS

JFC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN &/OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| DEC    | 00-02             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 5                       |
|        | 03-05             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 3                       |
|        | 06-08             |                    | 2.5                       |                                  | 2.2                     |      | 4.7                         | .7  |                         | .4              |                        | 1.1                                | 275                     |
|        | 09-11             |                    | 1.6                       |                                  | 1.9                     |      | 3.5                         | .3  |                         | .3              |                        | .6                                 | 683                     |
|        | 12-14             |                    | 1.2                       |                                  | 1.2                     | .2   | 2.4                         |     |                         | .3              |                        | .3                                 | 665                     |
|        | 15-17             |                    | 1.4                       |                                  | 1.4                     | .2   | 2.7                         |     |                         |                 |                        |                                    | 437                     |
|        | 18-20             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 22                      |
|        | 21-23             |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 9                       |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   |                    | .8                        |                                  | .8                      | .1   | 1.7                         | .1  |                         | .1              |                        | .3                                 | 2099                    |

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $\frac{5}{8}$  mile.

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX  
WEATHER CONDITIONS  
XXXXXXXXXXXXXXXXXXXX  
ATMOSPHERIC PHENOMENA

93061

STALLION SITE NH

61-73

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN    | DAILY             |                    | 4.0                       | .4                                | 3.6                     |      | 7.1                         | 2.0 |                         | .8              | .4                     | 3.7                                | 253                     |
| FEB    |                   | .4                 | 5.2                       |                                   | 7.8                     |      | 12.1                        | .7  |                         | .9              |                        | 1.7                                | 231                     |
| MAR    |                   | .7                 | 5.2                       |                                   | 4.8                     | .3   | 9.3                         | .7  |                         | .7              | .3                     | 1.7                                | 289                     |
| APR    |                   | 1.1                | 5.1                       |                                   | 1.1                     |      | 6.2                         | .4  | .4                      |                 | 1.1                    | 1.8                                | 273                     |
| MAY    |                   | 5.1                | 6.5                       |                                   |                         | .4   | 6.5                         |     |                         |                 |                        |                                    | 276                     |
| JUN    |                   | 4.4                | 6.9                       |                                   |                         |      | 6.9                         |     |                         |                 |                        |                                    | 275                     |
| JUL    |                   | 6.9                | 12.0                      |                                   |                         |      | 12.0                        | .4  |                         |                 |                        | .4                                 | 274                     |
| AUG    |                   | 8.9                | 8.9                       |                                   |                         |      | 8.9                         |     |                         |                 |                        |                                    | 292                     |
| SEP    |                   | 8.6                | 12.1                      |                                   |                         |      | 12.1                        | .4  |                         |                 |                        | .4                                 | 232                     |
| OCT    |                   | 1.2                | 7.4                       |                                   | .4                      |      | 7.9                         | 1.2 |                         | .4              |                        | 1.7                                | 242                     |
| NOV    |                   | 1.3                | 6.6                       |                                   | .9                      |      | 7.9                         | 1.8 |                         | .4              |                        | 2.2                                | 226                     |
| DEC    |                   |                    | 5.7                       |                                   | 4.8                     | .9   | 9.6                         | .9  |                         | .4              |                        | 1.3                                | 229                     |
| TOTALS |                   | 3.2                | 7.1                       | .0                                | 1.9                     | .1   | 8.8                         | .7  | .0                      | .3              | .1                     | 1.2                                | 3092                    |

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

DATA NOT AVAILABLE

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders." DATA NOT AVAILABLE

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

92061 STALLION SITE NM 61-73  
STATION NAME YEARS  
ALL WEATHER  
CLASS  
ALL  
HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.2   | 3.7   | 2.1    | 1.4     | .2      | .0      | .0      |         |         |         |      | 9.7   | 6.7                   |
| NNE                     | 1.3   | 2.0   | 1.4    | .9      | .2      | .0      |         |         |         |         |      | 5.8   | 7.1                   |
| NE                      | .7    | 1.1   | .9     | .8      | .3      | .0      |         |         |         |         |      | 3.9   | 8.2                   |
| ENE                     | .7    | .8    | .8     | .6      | .2      | .1      | .0      |         |         |         |      | 3.2   | 8.4                   |
| E                       | .8    | 1.0   | .6     | .4      | .1      | .0      |         |         |         |         |      | 2.9   | 6.7                   |
| ESE                     | .6    | .6    | .3     | .1      | .0      |         |         |         |         |         |      | 1.6   | 5.4                   |
| SE                      | .4    | .6    | .4     | .2      | .0      |         |         |         |         |         |      | 1.7   | 6.2                   |
| SSE                     | .9    | 1.5   | 1.0    | .3      | .1      | .0      | .0      |         |         |         |      | 3.8   | 6.2                   |
| S                       | 2.2   | 4.6   | 3.5    | 1.6     | .5      | .1      | .0      |         |         |         |      | 12.5  | 7.3                   |
| SSW                     | 1.3   | 3.2   | 2.2    | 1.9     | .5      | .2      | .0      |         |         |         |      | 10.2  | 8.4                   |
| SW                      | .7    | 1.9   | 1.9    | 1.5     | .4      | .1      |         |         |         |         |      | 6.4   | 8.9                   |
| WSW                     | .8    | 1.7   | 1.4    | .8      | .2      | .0      | .0      | .0      |         |         |      | 5.0   | 7.7                   |
| W                       | .9    | 1.7   | 1.1    | .5      | .1      | .0      |         |         |         |         |      | 4.4   | 6.7                   |
| WNW                     | .5    | .8    | .5     | .2      | .1      | .0      | .0      |         |         |         |      | 2.1   | 6.6                   |
| NW                      | .4    | .8    | .7     | .5      | .1      | .0      | .0      |         |         |         |      | 2.5   | 8.0                   |
| NNW                     | .9    | 1.8   | 1.3    | .9      | .3      | .0      | .0      |         |         |         |      | 5.2   | 7.8                   |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 19.1  |                       |
|                         | 15.4  | 27.8  | 21.1   | 12.6    | 3.4     | .6      | .1      | .0      |         |         |      | 100.0 | 6.0                   |

TOTAL NUMBER OF OBSERVATIONS 29272



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 93001 STATION NAME STALLION SITE NM YEARS 52-73 MONTH JAN  
CLASS ALL WEATHER HOURS (L.S.T.) ALL  
CONDITION \_\_\_\_\_

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N                 | 2.8   | 3.5   | 2.3    | 2.7     | .3      | .0      |         |         |         |         |      | 11.5  | 7.5             |
| NNE               | 1.8   | 1.5   | 1.3    | 1.0     | .4      |         |         |         |         |         |      | 6.7   | 7.3             |
| NE                | .7    | .6    | .8     | 1.0     | .3      |         |         |         |         |         |      | 3.5   | 9.0             |
| ENE               | .8    | .4    | .5     | .3      | .2      |         |         |         |         |         |      | 2.2   | 7.1             |
| E                 | .9    | .4    | .1     | .2      |         |         |         |         |         |         |      | 1.5   | 5.1             |
| ESE               | .3    | .3    |        |         |         |         |         |         |         |         |      | .6    | 3.4             |
| SE                | .3    | .2    | .2     |         |         |         |         |         |         |         |      | .7    | 4.1             |
| SSE               | 1.0   | .6    | .4     | .0      |         |         |         |         |         |         |      | 2.1   | 4.4             |
| S                 | 2.1   | 2.9   | 1.0    | .7      | .1      |         |         |         |         |         |      | 7.8   | 5.2             |
| SSW               | 2.1   | 2.4   | 1.9    | 1.9     | .3      |         |         |         |         |         |      | 8.7   | 7.6             |
| SW                | 1.1   | 1.6   | 1.0    | .9      | .3      |         |         |         |         |         |      | 4.5   | 7.5             |
| WSW               | 1.0   | 1.2   | .6     | .6      | .1      | .0      |         |         |         |         |      | 3.6   | 7.0             |
| W                 | 1.1   | 1.4   | .8     | .5      | .3      |         |         |         |         |         |      | 4.1   | 7.0             |
| WNW               | .9    | .5    | .8     | .3      | .1      |         |         |         |         |         |      | 2.5   | 6.8             |
| NW                | 1.0   | 1.2   | 1.2    | .7      | .0      |         |         |         |         |         |      | 4.2   | 6.9             |
| NNW               | 1.0   | 2.6   | 2.0    | 1.7     | .2      |         | .0      |         |         |         |      | 8.1   | 7.4             |
| VARBL             |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| CALM              |       |       |        |         |         |         |         |         |         |         |      | 27.9  |                 |
|                   | 20.5  | 21.4  | 14.9   | 12.7    | 2.6     | .1      | .0      |         |         |         |      | 100.0 | 5.0             |

TOTAL NUMBER OF OBSERVATIONS 2321

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STATION SITE NAME 52-73 YEARS FEB MONTH  
STATION STATION NAME CLASS ALL WEATHER HOURS (L.S.T.)  
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N                 | 2.1   | 3.9   | 3.2    | 2.3     | .4      | .1      |         |         |         |         |      | 12.1  | 7.7             |
| NNE               | 1.2   | 2.1   | 1.9    | 1.4     | .4      |         |         |         |         |         |      | 6.9   | 7.7             |
| NE                | 1.1   | .7    | 1.0    | 1.3     | .6      | .2      |         |         |         |         |      | 4.5   | 10.0            |
| ENE               | .6    | .5    | .9     | 1.4     | .6      | .1      |         |         |         |         |      | 4.1   | 10.9            |
| E                 | .6    | .6    | .3     | .4      | .1      |         |         |         |         |         |      | 2.0   | 7.5             |
| ESE               | .7    | .5    | .1     | .1      |         |         |         |         |         |         |      | 1.4   | 4.1             |
| SE                | .4    | .5    | .2     |         | .0      |         |         |         |         |         |      | 1.1   | 4.8             |
| SSE               | .7    | 1.0   | .5     | .1      |         |         |         |         |         |         |      | 2.3   | 5.5             |
| S                 | 1.4   | 3.4   | 2.5    | 1.0     | .2      |         |         |         |         |         |      | 8.5   | 6.9             |
| SSW               | 1.0   | 2.3   | 1.8    | 1.6     | .5      |         |         |         |         |         |      | 7.1   | 8.3             |
| SW                | .7    | 1.7   | 1.0    | .8      | .1      | .1      |         |         |         |         |      | 4.4   | 7.6             |
| WSW               | .6    | 1.2   | 1.3    | .6      | .1      |         |         | .0      |         |         |      | 3.8   | 7.7             |
| W                 | .6    | 1.1   | .7     | .5      | .0      |         |         |         |         |         |      | 2.9   | 6.8             |
| WNW               | .4    | .9    | .7     | .2      | .2      |         |         |         |         |         |      | 2.4   | 7.5             |
| NW                | .6    | 1.3   | 1.1    | .6      | .5      | .0      |         |         |         |         |      | 4.0   | 8.6             |
| NNW               | 1.4   | 2.8   | 2.4    | 2.0     | .9      | .3      |         |         |         |         |      | 9.3   | 8.6             |
| VARBL             |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| CALM              |       |       |        |         |         |         |         |         |         |         |      | 22.8  |                 |
|                   | 14.0  | 24.3  | 19.6   | 14.7    | 4.2     | .8      |         | .0      |         |         |      | 100.7 | 6.1             |

TOTAL NUMBER OF OBSERVATIONS 2167

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 93061 STATION NAME STALLION SITE NM YEARS 61-73 MONTH ALL  
CLASS ALL WEATHER HOURS (L.S.T.) ALL  
CONDITION \_\_\_\_\_

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N                 | 1.9   | 3.1   | 2.5    | 2.2     | .4      | .1      |         |         |         |         |      | 10.2  | 7.9             |
| NNE               | 1.1   | 2.1   | 1.4    | 1.7     | .5      | .0      |         |         |         |         |      | 6.8   | 8.4             |
| NE                | 1.0   | .7    | .6     | .7      | .1      | .1      |         |         |         |         |      | 3.2   | 8.1             |
| ENE               | .4    | .4    | .7     | .4      | .2      |         |         |         |         |         |      | 2.1   | 8.8             |
| E                 | .4    | .8    | .3     | .6      | .1      |         |         |         |         |         |      | 2.3   | 7.8             |
| ESE               | .2    | .6    | .1     | .0      |         |         |         |         |         |         |      | 1.3   | 4.5             |
| SE                | .4    | .4    | .4     | .3      | .2      |         |         |         |         |         |      | 1.7   | 8.2             |
| SSE               | .6    | 1.2   | .9     | .4      | .1      |         |         |         |         |         |      | 3.3   | 6.9             |
| S                 | 1.2   | 3.8   | 3.2    | 2.4     | .6      | .1      |         |         |         |         |      | 11.7  | 8.4             |
| SSW               | .8    | 2.7   | 3.3    | 3.0     | .7      | .5      |         |         |         |         |      | 10.9  | 10.0            |
| SW                | .7    | 2.0   | 2.5    | 1.8     | .5      | .2      |         |         |         |         |      | 7.7   | 9.5             |
| WSW               | .6    | 1.5   | 1.6    | 1.1     | .3      | .1      | .1      |         |         |         |      | 5.4   | 9.5             |
| W                 | .7    | 1.6   | 1.7    | .8      | .3      | .0      |         |         |         |         |      | 5.2   | 8.2             |
| WNW               | .4    | .9    | .6     | .4      | .2      |         | .0      |         |         |         |      | 2.5   | 8.2             |
| NW                | .4    | 1.2   | 1.5    | .9      | .1      | .1      |         |         |         |         |      | 4.2   | 8.5             |
| NNW               | .6    | 1.9   | 1.5    | 1.6     | .7      | .0      |         |         |         |         |      | 6.3   | 9.4             |
| VARBL             |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| CALM              |       |       |        |         |         |         |         |         |         |         |      | 15.2  |                 |
|                   | 12.0  | 25.0  | 22.9   | 18.3    | 5.1     | 1.4     | .2      |         |         |         |      | 100.0 | 7.3             |

TOTAL NUMBER OF OBSERVATIONS 2761

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 61-73 APR 68  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS  
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N                 | 1.0   | 3.4   | 2.5    | 1.1     | .3      | .0      |         |         |         |         |      | 8.4   | 7.4             |
| NNE               | 1.1   | 1.9   | 1.0    | .8      | .2      |         |         |         |         |         |      | 4.8   | 7.3             |
| NE                | .5    | 1.4   | 1.2    | .7      | .4      | .1      |         |         |         |         |      | 4.2   | 8.9             |
| ENE               | .3    | .5    | .7     | .9      | .3      | .2      |         |         |         |         |      | 2.9   | 11.1            |
| E                 | .6    | .9    | .4     | .2      | .0      |         |         |         |         |         |      | 2.1   | 5.8             |
| ESE               | .3    | .4    | .2     | .0      |         |         |         |         |         |         |      | 1.0   | 5.2             |
| SE                | .3    | .7    | .4     | .2      |         |         |         |         |         |         |      | 1.7   | 6.6             |
| SSE               | .5    | 1.0   | .7     | .5      | .2      |         |         |         |         |         |      | 2.8   | 7.5             |
| S                 | 1.4   | 4.6   | 3.4    | 3.1     | 1.0     | .1      | .0      |         |         |         |      | 13.8  | 8.9             |
| SSW               | .7    | 2.8   | 3.2    | 4.1     | 1.8     | .7      | .1      |         |         |         |      | 19.5  | 11.1            |
| SW                | .5    | 1.7   | 2.4    | 3.3     | 1.0     | .4      |         |         |         |         |      | 10.3  | 11.0            |
| WSW               | .5    | 1.2   | 2.3    | 1.9     | .4      | .1      | .0      |         |         |         |      | 6.4   | 10.0            |
| W                 | .7    | 1.4   | 1.5    | 1.0     | .4      |         |         |         |         |         |      | 5.0   | 8.8             |
| WNW               | .3    | 1.0   | .6     | .3      | .3      |         |         |         |         |         |      | 2.5   | 8.0             |
| NW                | .2    | .7    | .9     | .5      | .4      | .0      |         |         |         |         |      | 2.7   | 10.0            |
| NNW               | .4    | 1.0   | 1.4    | 1.2     | .3      | .1      |         |         |         |         |      | 4.5   | 9.6             |
| VARBL             |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| CALM              |       |       |        |         |         |         |         |         |         |         |      | 11.3  |                 |
|                   | 9.5   | 24.4  | 26.0   | 19.8    | 7.0     | 1.9     | .2      |         |         |         |      | 100.0 | 8.2             |

TOTAL NUMBER OF OBSERVATIONS 2582

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73 MAY  
STATION STATION NAME YEARS MONTH

ALL WEATHER  
CLASS

ALL  
MOON (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.3   | 3.9   | 1.6    | .8      |         |         |         |         |         |         |      | 7.6   | 6.1                   |
| NNE                     | .8    | 1.7   | 1.1    | .6      | .2      |         |         |         |         |         |      | 4.5   | 7.3                   |
| NE                      | .4    | .8    | .9     | 1.1     | .3      | .1      |         |         |         |         |      | 3.6   | 10.0                  |
| ENE                     | .6    | .7    | .5     | .8      | .4      |         |         |         |         |         |      | 3.0   | 9.1                   |
| E                       | .9    | .5    | .3     | .8      | .2      |         |         |         |         |         |      | 2.8   | 8.3                   |
| ESE                     | .4    | .6    | .5     | .2      |         |         |         |         |         |         |      | 1.7   | 6.4                   |
| SE                      | .3    | .6    | .6     | .3      |         |         |         |         |         |         |      | 1.8   | 7.1                   |
| SSE                     | .5    | 1.1   | 1.4    | .7      | .1      |         |         |         |         |         |      | 3.8   | 7.9                   |
| S                       | 1.6   | 4.4   | 5.2    | 4.0     | 1.7     | .4      |         |         |         |         |      | 17.2  | 9.7                   |
| SSW                     | .9    | 2.8   | 4.7    | 2.9     | 1.1     | .3      | .0      |         |         |         |      | 12.8  | 9.8                   |
| SW                      | .6    | 2.0   | 3.1    | 2.5     | .6      | .2      |         |         |         |         |      | 9.0   | 9.8                   |
| WSW                     | .6    | 2.4   | 1.9    | 1.2     | .3      | .1      |         |         |         |         |      | 6.5   | 8.3                   |
| W                       | .7    | 2.0   | 1.9    | .5      | .3      |         |         |         |         |         |      | 5.4   | 7.5                   |
| WNW                     | .4    | .8    | .6     | .2      |         |         |         |         |         |         |      | 1.9   | 6.3                   |
| NW                      | .2    | .6    | .3     | .3      | .0      |         |         |         |         |         |      | 1.5   | 8.3                   |
| NNW                     | .6    | 1.1   | 1.3    | .5      | .3      |         |         |         |         |         |      | 3.8   | 8.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 13.0  |                       |
|                         | 10.8  | 25.9  | 26.0   | 17.7    | 5.5     | 1.0     | .0      |         |         |         |      | 100.0 | 7.5                   |

TOTAL NUMBER OF OBSERVATIONS 2632

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM  
STATION NAME

61-73  
YEARS

11/16  
MONTH

ALL WEATHER  
CLASS

ALL  
MOON (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 14 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.6   | 2.3   | 1.5    | 1.0     | .1      |         |         |         |         |         |      | 6.4   | 6.5                   |
| NNE                     | .7    | 1.6   | 1.2    | .6      | .1      |         |         |         |         |         |      | 4.2   | 7.0                   |
| NE                      | .4    | 1.0   | .8     | .7      | .2      |         |         |         |         |         |      | 3.1   | 8.3                   |
| ENE                     | .5    | .8    | .7     | .3      | .2      | .0      |         |         |         |         |      | 2.6   | 7.8                   |
| E                       | .8    | 1.1   | 1.0    | .3      | .2      | .0      |         |         |         |         |      | 3.4   | 7.0                   |
| ESE                     | .8    | .4    | .3     | .2      | .1      |         |         |         |         |         |      | 1.8   | 6.0                   |
| SE                      | .5    | .9    | .5     | .2      |         |         |         |         |         |         |      | 2.1   | 6.2                   |
| SSE                     | 1.0   | 2.1   | 1.2    | .4      | .0      | .0      |         |         |         |         |      | 4.8   | 6.2                   |
| S                       | 2.2   | 6.4   | 5.6    | 2.6     | .5      | .1      |         |         |         |         |      | 17.5  | 7.6                   |
| SSW                     | .9    | 4.2   | 4.7    | 2.7     | .5      | .0      |         |         |         |         |      | 13.0  | 8.5                   |
| SW                      | .5    | 2.0   | 2.6    | 3.5     | .7      | .1      |         |         |         |         |      | 9.5   | 10.5                  |
| WSW                     | .8    | 2.2   | 2.4    | 1.3     | .1      | .0      |         |         |         |         |      | 6.8   | 7.9                   |
| W                       | 1.0   | 2.3   | 1.5    | .4      |         |         |         |         |         |         |      | 5.2   | 6.2                   |
| WNW                     | .2    | .5    | .2     | .0      |         |         |         |         |         |         |      | .9    | 5.6                   |
| NW                      | .3    | .7    | .2     | .2      | .1      |         | .0      |         |         |         |      | 1.6   | 7.4                   |
| NNW                     | .4    | .8    | .6     | .5      | .2      |         |         |         |         |         |      | 2.4   | 8.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 14.7  |                       |
|                         | 12.8  | 29.2  | 25.0   | 15.0    | 3.0     | .4      | .0      |         |         |         |      | 100.0 | 6.6                   |

TOTAL NUMBER OF OBSERVATIONS 2621

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/HAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM  
STATION NAME

61-73  
YEAR

JUL  
MONTH

ALL WEATHER  
CLASS

ALL  
MOON (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.2   | 3.0   | 1.3    | .3      | .1      |         |         |         |         |         |      | 6.9   | 5.4                   |
| NNE                     | 1.0   | 1.5   | 1.1    | .7      | .1      |         |         |         |         |         |      | 4.2   | 6.7                   |
| NE                      | .9    | 1.6   | 1.7    | .7      | .1      |         |         |         |         |         |      | 4.6   | 7.4                   |
| ENE                     | .8    | 1.2   | 1.0    | .3      | .1      | .0      |         |         |         |         |      | 3.5   | 6.8                   |
| E                       | 1.0   | 1.7   | 1.1    | .5      | .2      |         |         |         |         |         |      | 4.5   | 6.8                   |
| ESE                     | .6    | 1.3   | .8     | .3      | .0      |         |         |         |         |         |      | 3.1   | 6.5                   |
| SE                      | .7    | 1.6   | .7     | .5      | .1      |         |         |         |         |         |      | 3.6   | 6.6                   |
| SSE                     | 1.0   | 2.9   | 1.7    | .4      | .1      | .0      | .0      |         |         |         |      | 6.1   | 6.4                   |
| S                       | 2.2   | 6.2   | 4.1    | .9      | .2      |         |         |         |         |         |      | 14.5  | 6.0                   |
| SSW                     | 2.0   | 3.4   | 2.7    | .3      |         |         |         |         |         |         |      | 8.6   | 5.7                   |
| SW                      | .9    | 2.6   | 1.7    | .2      |         |         |         |         |         |         |      | 5.4   | 5.9                   |
| WSW                     | 1.5   | 2.3   | 1.0    | .3      | .0      |         |         |         |         |         |      | 5.0   | 5.5                   |
| W                       | 1.3   | 2.2   | .7     | .2      | .1      | .0      |         |         |         |         |      | 4.5   | 5.4                   |
| WNW                     | .4    | .9    | .4     | .0      |         | .0      |         |         |         |         |      | 1.8   | 5.8                   |
| NW                      | .2    | .5    | .5     | .1      |         |         |         |         |         |         |      | 1.4   | 6.1                   |
| NNW                     | .8    | 1.6   | .7     | .1      | .0      |         |         |         |         |         |      | 3.2   | 5.3                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 19.0  |                       |
|                         | 18.2  | 24.6  | 20.9   | 5.8     | 1.2     | .2      | .0      |         |         |         |      | 100.0 | 6.9                   |

TOTAL NUMBER OF OBSERVATIONS

2606

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061

STALLION SITE NM

61-73

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

MOVES (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.0   | 5.1   | 2.0    | .4      | .0      | .0      |         |         |         |         |      | 9.5   | 5.5                   |
| NNE                     | 1.4   | 1.9   | 1.0    | .5      | .2      |         |         |         |         |         |      | 5.1   | 6.4                   |
| NE                      | .9    | 1.4   | 1.0    | .5      | .0      |         |         |         |         |         |      | 3.9   | 6.5                   |
| ENE                     | 1.0   | 1.5   | 1.2    | .5      |         |         |         |         |         |         |      | 4.1   | 6.2                   |
| E                       | 1.2   | 1.9   | 1.1    | .6      | .2      | .0      |         |         |         |         |      | 5.1   | 6.7                   |
| ESE                     | .9    | 1.2   | .6     | .3      | .0      |         |         |         |         |         |      | 3.0   | 5.8                   |
| SE                      | .6    | .8    | .7     | .1      | .1      |         |         |         |         |         |      | 2.3   | 6.2                   |
| SSE                     | 1.1   | 2.5   | 1.5    | .3      | .0      |         |         |         |         |         |      | 5.4   | 5.8                   |
| S                       | 2.5   | 6.0   | 3.3    | .4      | .1      |         |         |         |         |         |      | 12.4  | 5.7                   |
| SSW                     | 1.4   | 3.5   | 2.5    | .5      |         |         |         |         |         |         |      | 7.9   | 6.0                   |
| SW                      | .6    | 1.8   | .9     | .2      |         |         |         |         |         |         |      | 3.6   | 5.8                   |
| WSW                     | 1.0   | 1.6   | .8     | .1      |         |         |         |         |         |         |      | 3.5   | 5.3                   |
| W                       | .8    | 2.6   | .9     | .1      |         |         |         |         |         |         |      | 4.4   | 5.1                   |
| WNW                     | .4    | .9    | .2     | .0      | .1      |         |         |         |         |         |      | 1.6   | 5.5                   |
| NW                      | .4    | .6    | .3     | .2      |         |         |         |         |         |         |      | 1.5   | 6.4                   |
| NNW                     | .7    | 1.9   | .9     | .3      |         |         |         |         |         |         |      | 3.9   | 6.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 22.9  |                       |
|                         | 16.8  | 35.2  | 19.0   | 5.1     | .9      | .1      |         |         |         |         |      | 100.0 | 6.5                   |

TOTAL NUMBER OF OBSERVATIONS

2811



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 61-73 SEP  
STATION STATION NAME YEARS MONTH  
ALL WEATHER ALL  
CLASS HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.2   | 4.7   | 2.2    | 1.0     |         |         | .0      |         |         |         |      | 10.0  | 5.9                   |
| NNE                     | 1.4   | 2.6   | 1.7    | .5      | .1      |         |         |         |         |         |      | 6.3   | 6.2                   |
| NE                      | .7    | 1.4   | .8     | 1.0     | .0      | .0      |         |         |         |         |      | 4.0   | 7.6                   |
| ENE                     | .7    | .9    | 1.1    | .7      | .1      |         |         |         |         |         |      | 3.6   | 7.9                   |
| E                       | .5    | 1.5   | .8     | .6      | .1      |         |         |         |         |         |      | 3.5   | 7.1                   |
| ESE                     | .6    | .5    | .5     | .0      |         |         |         |         |         |         |      | 1.6   | 5.1                   |
| SE                      | .6    | .6    | .5     | .1      |         |         |         |         |         |         |      | 1.8   | 5.2                   |
| SSE                     | 1.2   | 1.5   | .7     | .1      | .0      |         |         |         |         |         |      | 3.5   | 5.1                   |
| S                       | 2.2   | 4.9   | 3.7    | .8      | .1      |         |         |         |         |         |      | 11.9  | 6.3                   |
| SSW                     | 1.0   | 3.2   | 3.3    | .8      | .0      |         |         |         |         |         |      | 8.3   | 6.8                   |
| SW                      | .9    | 2.1   | 1.8    | 1.0     | .1      |         |         |         |         |         |      | 5.8   | 7.3                   |
| WSW                     | 1.0   | 1.7   | 1.9    | .7      |         |         |         |         |         |         |      | 5.3   | 6.7                   |
| W                       | 1.3   | 2.0   | 1.0    | .3      |         |         |         |         |         |         |      | 6.5   | 5.3                   |
| WNW                     | .7    | 1.0   | .4     | .2      |         |         |         |         |         |         |      | 2.4   | 5.7                   |
| NW                      | .3    | .7    | .5     | .6      |         |         |         |         |         |         |      | 1.8   | 7.3                   |
| NNW                     | 1.0   | 1.8   | 1.4    | .6      | .1      |         |         |         |         |         |      | 5.0   | 6.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 20.8  |                       |
|                         | 16.2  | 31.1  | 22.2   | 8.8     | .8      | .0      | .0      |         |         |         |      | 100.0 | 5.1                   |

TOTAL NUMBER OF OBSERVATIONS 2271

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STATION NAME NM 6163-73 YEARS 1963-73  
STATION NAME STATION NAME YEARS YEARS  
ALL WEATHER CLASS ALL  
CONDITION HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.2   | 4.6   | 2.0    | 1.3     | .2      |         |         |         |         |         |      | 11.2  | 6.0                   |
| NNE                     | 1.9   | 2.3   | 2.0    | 1.7     | .3      |         |         |         |         |         |      | 8.3   | 7.6                   |
| NE                      | 1.1   | 1.4   | .8     | 1.2     | .8      | .0      |         |         |         |         |      | 5.3   | 9.0                   |
| ENE                     | .7    | .7    | 1.0    | 1.2     | .2      | .2      | .0      |         |         |         |      | 4.0   | 9.6                   |
| E                       | 1.1   | .6    | .7     | .6      |         |         |         |         |         |         |      | 3.0   | 6.4                   |
| ESE                     | .5    | .7    | .1     | .1      |         |         |         |         |         |         |      | 1.3   | 6.6                   |
| SE                      | .6    | .5    | .0     | .0      |         |         |         |         |         |         |      | 1.1   | 3.7                   |
| SSE                     | .9    | 1.8   | 1.2    | .5      | .1      |         |         |         |         |         |      | 4.6   | 6.7                   |
| S                       | 2.0   | 4.7   | 2.3    | .8      | .2      |         |         |         |         |         |      | 11.0  | 6.4                   |
| SSW                     | 1.4   | 4.2   | 2.1    | 1.2     | .3      | .3      |         |         |         |         |      | 10.6  | 7.6                   |
| SW                      | .7    | 1.7   | 1.7    | .7      | .3      | .2      |         |         |         |         |      | 5.2   | 8.2                   |
| WSW                     | .7    | 1.6   | 1.5    | .4      | .2      | .0      |         |         |         |         |      | 4.4   | 7.4                   |
| W                       | .9    | 1.1   | .7     | .3      | .0      |         |         |         |         |         |      | 3.1   | 6.1                   |
| WWW                     | .9    | 1.1   | .4     | .2      |         |         |         |         |         |         |      | 2.6   | 5.3                   |
| NW                      | .2    | .2    | .2     | .4      | .0      |         |         |         |         |         |      | 1.3   | 7.5                   |
| NNW                     | 1.4   | 1.7   | .9     | .7      | .3      |         |         |         |         |         |      | 4.9   | 6.7                   |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 17.7  |                       |
|                         | 18.4  | 29.0  | 19.8   | 11.1    | 2.1     | .8      | .0      |         |         |         |      | 100.0 | 5.8                   |

TOTAL NUMBER OF OBSERVATIONS 2300

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 616373  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
ALL  
MOON (L.S.V.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 3.1   | 2.7   | 2.3    | 1.6     | .6      | .0      |         |         |         |         |      | 11.3  | 6.9                   |
| NNE                     | 1.5   | 2.7   | 1.4    | .6      | .1      | .0      |         |         |         |         |      | 6.4   | 6.3                   |
| NE                      | .8    | 1.8   | .8     | .7      | .1      |         |         |         |         |         |      | 4.1   | 6.6                   |
| ENE                     | .9    | .8    | .6     | .5      | .4      | .1      | .0      |         |         |         |      | 3.3   | 8.5                   |
| E                       | .8    | .8    | .5     | .3      |         | .0      |         |         |         |         |      | 2.5   | 6.2                   |
| ESE                     | .5    | .3    | .1     | .0      |         |         |         |         |         |         |      | 1.0   | 4.4                   |
| SE                      | .5    | .4    | .3     | .0      |         |         |         |         |         |         |      | 1.3   | 5.0                   |
| SSE                     | .7    | 1.6   | .6     | .2      |         |         |         |         |         |         |      | 3.1   | 5.4                   |
| S                       | 2.4   | 3.8   | 3.4    | 1.0     | .4      | .0      |         |         |         |         |      | 11.1  | 6.8                   |
| SSW                     | 1.7   | 3.3   | 3.0    | 1.7     | .1      |         |         |         |         |         |      | 10.2  | 7.2                   |
| SW                      | .6    | 1.8   | 1.3    | 1.2     | .5      | .1      |         |         |         |         |      | 5.6   | 9.0                   |
| WSW                     | .9    | 1.8   | .8     | .8      | .3      | .0      |         |         |         |         |      | 4.5   | 7.8                   |
| W                       | 1.4   | 1.6   | 1.0    | .2      | .2      | .0      |         |         |         |         |      | 4.5   | 6.1                   |
| WNW                     | .5    | .8    | .4     | .1      |         |         |         |         |         |         |      | 1.9   | 5.8                   |
| NW                      | .2    | .6    | .8     | .6      | .3      |         |         |         |         |         |      | 2.4   | 9.4                   |
| NNW                     | 1.0   | 1.8   | 1.1    | 1.2     | .4      | .0      |         |         |         |         |      | 5.5   | 8.2                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 21.2  |                       |
|                         | 17.4  | 28.0  | 18.8   | 10.9    | 3.5     | .5      | .0      |         |         |         |      | 100.0 | 5.6                   |

TOTAL NUMBER OF OBSERVATIONS 2123

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM  
STATION NAME

61-73  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 3.6   | 3.7   | 2.5    | 2.4     | .4      |         |         |         |         |         |      | 12.6  | 6.9                   |
| NNE                     | 2.4   | 2.3   | 1.7    | .9      | .2      |         |         |         |         |         |      | 7.5   | 6.2                   |
| NE                      | 1.1   | .9    | .9     | .3      | .1      |         |         |         |         |         |      | 3.3   | 6.3                   |
| ENE                     | 1.1   | .9    | .3     | .6      | .3      | .1      |         |         |         |         |      | 3.0   | 7.8                   |
| E                       | .8    | .3    |        |         | .0      |         |         |         |         |         |      | 1.2   | 3.5                   |
| ESE                     | .5    |       |        |         |         |         |         |         |         |         |      | .5    | 2.1                   |
| SE                      | .1    | .3    | .1     | .0      |         |         |         |         |         |         |      | .6    | 5.8                   |
| SSE                     | 1.2   | .8    | .9     | .2      |         |         |         |         |         |         |      | 2.8   | 3.2                   |
| S                       | 3.1   | 3.0   | 2.9    | 1.0     | .4      |         |         |         |         |         |      | 9.9   | 6.3                   |
| SSW                     | 1.7   | 3.5   | 1.0    | 1.4     | .7      |         |         |         |         |         |      | 8.3   | 7.6                   |
| SW                      | .6    | 1.4   | 1.1    | 1.2     | .2      |         |         |         |         |         |      | 4.6   | 8.5                   |
| WSW                     | .9    | 1.0   | 1.0    | .5      | .2      |         |         |         |         |         |      | 3.6   | 7.4                   |
| W                       | 1.0   | .7    | .7     | .6      | .1      | .0      |         |         |         |         |      | 3.1   | 7.4                   |
| WNW                     | .7    | .5    | .4     | .1      | .2      | .1      |         |         |         |         |      | 2.0   | 8.0                   |
| NW                      | .9    | 1.4   | 1.1    | .5      | .2      | .1      | .0      |         |         |         |      | 4.0   | 8.2                   |
| NNW                     | 1.2   | 2.6   | 2.0    | 1.0     | .4      |         |         |         |         |         |      | 7.5   | 7.2                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 25.4  |                       |
|                         | 20.7  | 23.0  | 16.0   | 10.8    | 3.6     | .4      | .0      |         |         |         |      | 100.0 | 5.2                   |

TOTAL NUMBER OF OBSERVATIONS 2097

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 93061 STATION NAME STALLION SITE NM STATION NAME 66.73 YEARS JAN  
STATION 0000-0200 MONTH NOV (L.S.T.)  
CLASS ALL WEATHER  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 12.5  |        |         |         |         |         |         |         |         |      | 12.5  | 4.0                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       | 37.5   |         |         |         |         |         |         |         |      | 37.5  | 9.3                   |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     | 12.5  |       |        |         |         |         |         |         |         |         |      | 12.5  | 3.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 37.5  |                       |
|                         | 12.5  | 12.5  | 37.5   |         |         |         |         |         |         |         |      | 100.0 | 4.4                   |

TOTAL NUMBER OF OBSERVATIONS 8

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 6426673 JAN  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
0300-0500  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 20.0  | 10.0  |        | 10.0    |         |         |         |         |         |         |      | 40.0  | 5.5                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       |        | 10.0    |         |         |         |         |         |         |      | 10.0  | 12.0                  |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      | 10.0  |       |        |         |         |         |         |         |         |         |      | 10.0  | 3.0                   |
| NNW                     | 10.0  |       |        |         |         |         |         |         |         |         |      | 10.0  | 2.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 30.0  |                       |
|                         | 40.0  | 10.0  |        | 20.0    |         |         |         |         |         |         |      | 100.0 | 3.9                   |

TOTAL NUMBER OF OBSERVATIONS 10

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 93061 STATION NAME STALLION SITE NM CLASS 62-73 YEAR 1960 MONTH JAN  
 ALL WEATHER  
 CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 6.8   | 10.5  | .6     | .9      |         |         |         |         |         |         |      | 18.8  | 4.5                   |
| NNE                     | 4.9   | 3.7   | 2.5    | 1.2     |         |         |         |         |         |         |      | 12.3  | 5.5                   |
| NE                      | 1.2   | .6    | .9     | .9      |         |         |         |         |         |         |      | 3.7   | 7.2                   |
| ENE                     | .9    | .9    |        | .3      |         |         |         |         |         |         |      | 2.7   | 5.1                   |
| E                       | .6    |       |        |         |         |         |         |         |         |         |      | .6    | 2.5                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       | 1.2   | .9    |        |         |         |         |         |         |         |         |      | 2.2   | 3.3                   |
| SSW                     | .3    | .9    | 1.5    |         |         |         |         |         |         |         |      | 2.3   | 6.9                   |
| SW                      | .6    |       | .9     |         |         |         |         |         |         |         |      | 1.5   | 5.4                   |
| WSW                     | .9    | .3    |        | .3      |         |         |         |         |         |         |      | 1.4   | 4.8                   |
| W                       |       | .3    |        |         |         |         |         |         |         |         |      | .3    | 5.0                   |
| WNW                     | 1.2   | .3    |        |         |         |         |         |         |         |         |      | 1.5   | 2.6                   |
| NW                      | 1.8   | 1.5   |        |         |         |         |         |         |         |         |      | 3.4   | 3.3                   |
| NNW                     | 2.8   | 4.9   | 1.2    | .6      |         |         | .3      |         |         |         |      | 12.9  | 4.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 36.7  |                       |
|                         | 26.5  | 24.9  | 7.7    | 4.3     |         |         | .3      |         |         |         |      | 100.0 | 3.1                   |

TOTAL NUMBER OF OBSERVATIONS 325

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 62-73 JAN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0900-1100  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.6   | 2.6   | 1.6    | 2.7     | .3      | .1      |         |         |         |         |      | 10.9  | 7.4                   |
| NNE                     | 3.0   | 2.2   | 1.2    | .9      | .4      |         |         |         |         |         |      | 7.7   | 6.1                   |
| NE                      | 1.5   | 1.2   | .9     | .5      | .4      |         |         |         |         |         |      | 4.6   | 7.0                   |
| ENE                     | 1.6   | .4    | .7     | .5      | .3      |         |         |         |         |         |      | 3.5   | 6.8                   |
| E                       | 1.2   | .9    | .1     |         |         |         |         |         |         |         |      | 2.4   | 3.2                   |
| ESE                     | .4    | .4    |        |         |         |         |         |         |         |         |      | .8    | 3.3                   |
| SE                      | .3    | .1    |        |         |         |         |         |         |         |         |      | .4    | 2.7                   |
| SSE                     | 1.5   | .9    | .1     | .1      |         |         |         |         |         |         |      | 2.7   | 3.8                   |
| S                       | 3.5   | 2.2   | .8     |         | .1      |         |         |         |         |         |      | 6.6   | 4.1                   |
| SSW                     | 1.2   | 1.5   | .7     | 1.7     | .1      |         |         |         |         |         |      | 5.2   | 8.2                   |
| SW                      | 1.3   | .8    | .7     | .7      |         |         |         |         |         |         |      | 3.5   | 6.5                   |
| WSW                     | .5    | .4    | .3     | .8      |         |         |         |         |         |         |      | 2.0   | 8.1                   |
| W                       | 1.1   | .7    | .5     | .3      | .1      |         |         |         |         |         |      | 2.7   | 6.3                   |
| WNW                     | .4    |       | .4     |         | .1      |         |         |         |         |         |      | .9    | 7.9                   |
| NW                      | .9    | .4    | .5     | .4      |         |         |         |         |         |         |      | 2.3   | 6.5                   |
| NNW                     | .9    | .9    | 1.5    | .9      | .1      |         |         |         |         |         |      | 4.4   | 7.6                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 39.4  |                       |
|                         | 23.1  | 15.6  | 10.1   | 9.7     | 2.0     | .1      |         |         |         |         |      | 100.0 | 3.9                   |

TOTAL NUMBER OF OBSERVATIONS 746



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 93061 STATION NAME STALLION SITE NM YEARS 62-73 MONTH JAN  
STATION STATION STATION NAME STATION NAME YEARS YEARS MONTH MONTH  
CLASS ALL WEATHER 1200-1400  
CONDITION DOUBT (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .8    | .7    | 3.1    | 3.0     | .4      |         |         |         |         |         |      | 8.0   | 10.0                  |
| NNE                     | .4    | .5    | .8     | 1.1     | .8      |         |         |         |         |         |      | 3.7   | 11.3                  |
| NE                      | .1    | .3    | .3     | 1.2     | .4      |         |         |         |         |         |      | 2.3   | 12.6                  |
| ENE                     | .3    | .5    | .2     | .3      | .1      |         |         |         |         |         |      | 1.5   | 7.5                   |
| E                       | .9    | .3    |        | .4      |         |         |         |         |         |         |      | 1.6   | 6.2                   |
| ESE                     | .3    | .4    |        |         |         |         |         |         |         |         |      | .7    | 3.6                   |
| SE                      | .7    | .3    | .3     |         |         |         |         |         |         |         |      | 1.2   | 3.9                   |
| SSE                     | 1.5   | .7    | .1     |         |         |         |         |         |         |         |      | 2.3   | 3.6                   |
| S                       | 2.6   | 4.6   | 1.4    | 1.1     | .1      |         |         |         |         |         |      | 9.8   | 5.7                   |
| SSW                     | 2.7   | 3.7   | 2.3    | 3.1     | .7      |         |         |         |         |         |      | 12.5  | 7.9                   |
| SW                      | .8    | 3.3   | 1.4    | 1.4     | .5      |         |         |         |         |         |      | 7.3   | 8.0                   |
| WSW                     | .9    | 2.3   | .7     | .5      | .1      |         |         |         |         |         |      | 4.6   | 6.4                   |
| W                       | 1.4   | 1.5   | 1.5    | .7      | .5      |         |         |         |         |         |      | 5.6   | 7.9                   |
| WNW                     | 1.1   | .7    | 1.2    | .4      | .1      |         |         |         |         |         |      | 3.5   | 7.2                   |
| NW                      | .6    | 1.6   | 2.0    | 1.1     |         |         |         |         |         |         |      | 5.1   | 7.8                   |
| NNW                     | .5    | 2.7   | 2.3    | 2.8     | .1      |         |         |         |         |         |      | 8.5   | 8.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 21.8  |                       |
|                         | 13.4  | 24.0  | 17.6   | 17.1    | 4.1     |         |         |         |         |         |      | 100.0 | 6.1                   |

TOTAL NUMBER OF OBSERVATIONS 738

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 62-73 JAN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1900-1700  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.5   | 3.7   | 3.4    | 3.7     | .2      |         |         |         |         |         |      | 12.5  | 8.5                   |
| NNE                     | .2    | .2    | .9     | 1.1     |         |         |         |         |         |         |      | 2.4   | 10.4                  |
| NE                      | .2    | .4    | .6     | 1.1     | .4      |         |         |         |         |         |      | 2.9   | 11.0                  |
| ENE                     | .2    |       | .9     | .2      | .2      |         |         |         |         |         |      | 1.5   | 9.7                   |
| E                       | .2    | .2    | .4     | .4      |         |         |         |         |         |         |      | 1.3   | 9.5                   |
| ESE                     | .2    | .4    |        |         |         |         |         |         |         |         |      | .6    | 3.3                   |
| SE                      | .2    | .4    | .4     |         |         |         |         |         |         |         |      | 1.1   | 5.4                   |
| SSE                     | .4    | .4    | 1.3    |         |         |         |         |         |         |         |      | 2.4   | 6.7                   |
| S                       | 4.7   | 3.0   | 1.7    | 1.9     |         |         |         |         |         |         |      | 11.4  | 5.7                   |
| SSW                     | 3.7   | 2.2   | 3.9    | 1.9     | .2      |         |         |         |         |         |      | 12.9  | 6.9                   |
| SW                      | 1.9   | 1.3   | 1.1    | 1.3     | .4      |         |         |         |         |         |      | 5.6   | 7.9                   |
| WSW                     | 1.9   | 1.3   | 1.7    | .4      | .4      | .2      |         |         |         |         |      | 6.0   | 7.7                   |
| W                       | 1.3   | 3.4   | .9     | 1.1     | .2      |         |         |         |         |         |      | 6.9   | 6.7                   |
| WNW                     | 1.3   | .6    | 1.3    | .6      | .2      |         |         |         |         |         |      | 4.1   | 7.2                   |
| NW                      | 1.1   | 1.7   | 1.7    | 1.3     | .2      |         |         |         |         |         |      | 6.0   | 7.8                   |
| NNW                     | .9    | 2.0   | 2.6    | 1.9     | .6      |         |         |         |         |         |      | 9.1   | 8.6                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 13.4  |                       |
|                         | 19.6  | 22.5  | 23.1   | 17.0    | 3.2     | .2      |         |         |         |         |      | 100.0 | 6.6                   |

TOTAL NUMBER OF OBSERVATIONS 464

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 64-66, 68-69, 73 JAN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 1-00-2000  
CONDITION HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 10.0  |        |         |         |         |         |         |         |         |      | 10.0  | 5.5                   |
| NNE                     |       | 5.0   | 5.0    |         |         |         |         |         |         |         |      | 10.0  | 6.5                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       | 5.0   |       |        |         |         |         |         |         |         |         |      | 5.0   | 2.0                   |
| SSW                     | 5.0   |       |        |         |         |         |         |         |         |         |      | 5.0   | 2.0                   |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     | 5.0   |       |        |         |         |         |         |         |         |         |      | 5.0   | 3.0                   |
| W                       | 5.0   |       |        |         |         |         |         |         |         |         |      | 5.0   | 2.0                   |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      | 5.0   | 5.0   |        |         |         |         |         |         |         |         |      | 10.0  | 4.5                   |
| NNW                     | 5.0   | 15.0  | 10.0   |         |         |         |         |         |         |         |      | 30.0  | 5.2                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 20.0  |                       |
|                         | 30.0  | 25.0  | 15.0   |         |         |         |         |         |         |         |      | 100.0 | 3.7                   |

TOTAL NUMBER OF OBSERVATIONS 20

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 64,66,68-69,73 JAN  
STATION STATION NAME YEARS MONTHS  
ALL WEATHER CLASS 2100-2300  
HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 16.7  |        |         |         |         |         |         |         |         |      | 16.7  | 5.5                   |
| NNE                     |       |       | 16.7   |         |         |         |         |         |         |         |      | 16.7  | 7.0                   |
| NE                      |       |       |        | 8.3     |         |         |         |         |         |         |      | 8.3   | 12.0                  |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       | 8.3   |       |        |         |         |         |         |         |         |         |      | 8.3   | 1.0                   |
| WNW                     |       | 16.7  |        |         |         |         |         |         |         |         |      | 16.7  | 4.0                   |
| NW                      | 8.3   |       |        |         |         |         |         |         |         |         |      | 8.3   | 2.0                   |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 25.0  |                       |
|                         | 16.7  | 33.3  | 16.7   | 8.3     |         |         |         |         |         |         |      | 100.0 | 6.0                   |

TOTAL NUMBER OF OBSERVATIONS 12

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 64 FFB  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0070-0200  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 16.7  | 16.7   |         |         |         |         |         |         |         |      | 33.3  | 7.0                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     | 16.7  |       |        |         |         |         |         |         |         |         |      | 16.7  | 3.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 50.0  |                       |
|                         | 16.7  | 16.7  | 16.7   |         |         |         |         |         |         |         |      | 100.0 | 2.8                   |

TOTAL NUMBER OF OBSERVATIONS 6

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 93061 STATION NAME STALLION SITE NM YEAR 64-66,68 MONTH FEB  
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
CONDITION \_\_\_\_\_

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 21.4  | 14.3  |        |         |         |         |         |         |         |         |      | 35.7  | 3.0                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       | 14.3   |         | 7.1     |         |         |         |         |         |      | 21.4  | 11.0                  |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     | 7.1   |       |        |         |         |         |         |         |         |         |      | 7.1   | 2.0                   |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      | 7.1   |       |        |         |         |         |         |         |         |         |      | 7.1   | 2.0                   |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 28.6  |                       |
|                         | 35.7  | 14.3  | 14.3   |         | 7.1     |         |         |         |         |         |      | 100.0 | 3.7                   |

TOTAL NUMBER OF OBSERVATIONS 14

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

92061  
STATION

STALLION SITE NM  
STATION NAME

62-73  
YEAR

FEB  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 7.6   | 9.0   | 3.5    | 2.1     |         |         |         |         |         |         |      | 22.1  | 5.3                   |
| NNE                     | 4.8   | 4.8   | 2.8    | 1.4     | .3      |         |         |         |         |         |      | 14.2  | 5.8                   |
| NE                      | 2.1   | 1.4   | 1.7    |         |         | .3      |         |         |         |         |      | 5.5   | 6.4                   |
| ENE                     | .7    |       |        | 1.0     |         |         |         |         |         |         |      | 1.7   | 8.6                   |
| E                       | .7    |       |        | .3      | .3      |         |         |         |         |         |      | 1.4   | 10.0                  |
| ESE                     | .3    |       |        |         |         |         |         |         |         |         |      | .3    | 2.0                   |
| SE                      | .3    |       |        |         |         |         |         |         |         |         |      | .3    | 3.0                   |
| SSE                     | .7    | .7    |        |         |         |         |         |         |         |         |      | 1.4   | 3.3                   |
| S                       | 1.0   | .3    |        |         |         |         |         |         |         |         |      | 1.4   | 2.5                   |
| SSW                     |       | .7    | 1.0    |         |         |         |         |         |         |         |      | 1.7   | 8.2                   |
| SW                      |       | .3    |        |         |         |         |         |         |         |         |      | .3    | 6.0                   |
| WSW                     | .7    | .3    | 1.0    | .3      |         |         |         |         |         |         |      | 2.4   | 6.1                   |
| W                       |       | .3    | .3     | .3      |         |         |         |         |         |         |      | 1.0   | 8.0                   |
| WNW                     |       |       | .7     |         |         |         |         |         |         |         |      | .7    | 8.0                   |
| NW                      | 1.7   | 2.4   | .3     |         | .3      |         |         |         |         |         |      | 4.8   | 5.4                   |
| NNW                     | 4.8   | 4.8   | 2.1    | .7      |         |         |         |         |         |         |      | 12.5  | 5.1                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 28.0  |                       |
|                         | 28.0  | 28.3  | 13.5   | 6.2     | 1.0     | .3      |         |         |         |         |      | 100.0 | 4.1                   |

TOTAL NUMBER OF OBSERVATIONS 289

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 93061 STATION NAME STALLION SITE NM YEARS 62-73 MONTHS FEB  
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.8   | 2.4   | 4.1    | 2.4     | .1      | .1      |         |         |         |         |      | 11.9  | 7.9                   |
| NNE                     | 1.0   | 2.3   | 1.8    | 2.2     | .4      |         |         |         |         |         |      | 7.9   | 8.3                   |
| NE                      | 1.6   | .3    | 1.2    | 2.1     | .9      |         |         |         |         |         |      | 6.0   | 10.1                  |
| ENE                     | 1.3   | .9    | .9     | 1.5     | .6      |         |         |         |         |         |      | 5.1   | 9.1                   |
| E                       | 1.0   | .4    | .3     | .3      | .1      |         |         |         |         |         |      | 2.2   | 6.3                   |
| ESE                     | .9    | .4    | .1     |         |         |         |         |         |         |         |      | 1.3   | 3.2                   |
| SE                      | .7    | .6    |        |         |         |         |         |         |         |         |      | 1.3   | 3.6                   |
| SSE                     | 1.0   | 1.5   | .7     | .3      |         |         |         |         |         |         |      | 3.5   | 5.7                   |
| S                       | 1.6   | 2.9   | .6     | .6      | .1      |         |         |         |         |         |      | 5.9   | 5.8                   |
| SSW                     | 1.3   | 1.5   | .7     | 1.0     | .3      |         |         |         |         |         |      | 6.9   | 7.5                   |
| SW                      | .6    | 1.8   | .9     | .4      |         |         |         |         |         |         |      | 3.7   | 6.4                   |
| WSW                     | .4    | .7    | .6     | .7      | .1      |         |         |         |         |         |      | 2.6   | 8.4                   |
| W                       |       | .9    | .1     | .6      | .1      |         |         |         |         |         |      | 1.8   | 8.9                   |
| WNW                     | .1    | .3    | .1     | .3      |         |         |         |         |         |         |      | .9    | 7.8                   |
| NW                      | .3    | .7    | .7     | 1.3     | .3      |         |         |         |         |         |      | 3.4   | 10.3                  |
| NNW                     | .4    | 1.9   | 2.1    | 2.4     | .4      | .3      |         |         |         |         |      | 7.1   | 10.3                  |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 30.7  |                       |
|                         | 14.3  | 20.3  | 12.0   | 10.0    | 2.7     | .4      |         |         |         |         |      | 100.0 | 5.6                   |

TOTAL NUMBER OF OBSERVATIONS 680



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 62-73 FFB  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1206-1400  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .7    | 1.9   | 3.5    | 3.1     | .7      | .1      |         |         |         |         |      | 10.1  | 10.0                  |
| NNE                     | .3    | 1.3   | 1.5    | .7      | .6      |         |         |         |         |         |      | 4.4   | 9.2                   |
| NE                      | .7    | .4    | .7     | 1.2     | .6      | .4      |         |         |         |         |      | 4.1   | 11.5                  |
| ENE                     | .3    | .6    | .9     | 1.5     | .6      | .3      |         |         |         |         |      | 4.1   | 11.9                  |
| E                       | .3    | .9    | .1     | .4      |         |         |         |         |         |         |      | 1.8   | 6.8                   |
| ESE                     | 1.2   | .6    |        | .1      |         |         |         |         |         |         |      | 1.9   | 4.1                   |
| SE                      | .1    | .9    | .1     |         |         |         |         |         |         |         |      | 1.2   | 4.4                   |
| SSE                     | .6    | .6    | .6     |         |         |         |         |         |         |         |      | 1.8   | 5.3                   |
| S                       | .9    | 4.1   | 4.5    | 1.0     | .3      |         |         |         |         |         |      | 10.8  | 7.4                   |
| SSW                     | 1.3   | 3.2   | 2.3    | 2.8     | .4      |         |         |         |         |         |      | 10.1  | 8.6                   |
| SW                      | .7    | 2.0   | 1.2    | 1.5     | .3      | .1      |         |         |         |         |      | 5.9   | 8.4                   |
| WSW                     | .6    | 1.9   | 2.5    | .6      | .1      |         |         |         |         |         |      | 5.7   | 7.4                   |
| W                       | .7    | 1.9   | .9     | .6      |         |         |         |         |         |         |      | 4.0   | 6.0                   |
| WNW                     | .6    | 1.3   | .7     | .1      | .3      |         |         |         |         |         |      | 3.1   | 7.0                   |
| NW                      | .4    | 1.0   | 1.6    | .1      | .9      | .1      |         |         |         |         |      | 4.2   | 9.8                   |
| NNW                     | .9    | 2.6   | 2.8    | 2.3     | .3      | .1      |         |         |         |         |      | 9.1   | 8.8                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 17.9  |                       |
|                         | 10.4  | 25.3  | 24.0   | 16.0    | 5.1     | 1.3     |         |         |         |         |      | 100.0 | 7.0                   |

TOTAL NUMBER OF OBSERVATIONS 683

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94061 STALLION SITE NM 02-73 FEB  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1500-1700  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .7    | 2.9   | 1.4    | 1.6     | .7      |         |         |         |         |         |      | 7.2   | 8.4                   |
| NNE                     | .5    | 1.1   | 2.5    | 1.1     |         |         |         |         |         |         |      | 5.2   | 8.0                   |
| NE                      | .2    | .7    | .5     | 1.4     | .7      |         |         |         |         |         |      | 3.4   | 11.4                  |
| ENE                     |       | .2    | 1.6    | 1.6     | .9      | .2      |         |         |         |         |      | 4.5   | 13.1                  |
| E                       | .5    | .7    | .9     | .7      | .2      |         |         |         |         |         |      | 2.9   | 8.5                   |
| ESE                     |       | .9    | .2     | .2      |         |         |         |         |         |         |      | 1.4   | 6.0                   |
| SE                      | .5    |       | .7     |         | .2      |         |         |         |         |         |      | 1.4   | 7.7                   |
| SSE                     | .2    | 1.4   | .5     | .2      |         |         |         |         |         |         |      | 2.3   | 6.0                   |
| S                       | 2.3   | 3.0   | 4.1    | 2.3     | .5      |         |         |         |         |         |      | 14.0  | 7.4                   |
| SSW                     | .5    | 3.4   | 2.7    | 1.8     | .9      |         |         |         |         |         |      | 9.2   | 8.6                   |
| SW                      | 1.1   | 2.3   | 1.8    | .9      |         | .2      |         |         |         |         |      | 6.3   | 7.5                   |
| WSW                     | .5    | 1.4   | .7     | .7      | .2      |         |         | .2      |         |         |      | 3.6   | 9.2                   |
| W                       | 1.6   | .9    | 1.4    | .5      |         |         |         |         |         |         |      | 4.3   | 6.5                   |
| WNW                     | .7    | 2.0   | 1.6    | .5      | .5      |         |         |         |         |         |      | 5.2   | 7.7                   |
| NW                      | .2    | 1.8   | 1.4    | .5      | .2      |         |         |         |         |         |      | 4.1   | 7.6                   |
| NNW                     | .9    | 3.8   | 2.7    | 2.0     | 1.1     | .7      |         |         |         |         |      | 11.3  | 9.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 14.0  |                       |
|                         | 10.1  | 28.4  | 24.3   | 15.8    | 6.1     | 1.1     |         | .2      |         |         |      | 100.0 | 7.3                   |

TOTAL NUMBER OF OBSERVATIONS 444

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM  
STATION NAME

62-68  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 4.8   | 9.5   |        |         |         |         |         |         |         |         |      | 14.3  | 4.0                   |
| NNE                     | 4.8   |       |        |         |         |         |         |         |         |         |      | 4.8   | 3.0                   |
| NE                      |       | 4.8   | 4.8    |         |         |         |         |         |         |         |      | 9.5   | 7.0                   |
| ENE                     |       |       | 4.8    |         |         |         |         |         |         |         |      | 4.8   | 10.0                  |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       | 4.8   | 4.8    |         |         |         |         |         |         |         |      | 9.5   | 6.0                   |
| SSW                     | 4.8   |       |        |         |         |         |         |         |         |         |      | 4.8   | 3.0                   |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     | 4.8   |       |        |         |         |         |         |         |         |         |      | 4.8   | 2.0                   |
| W                       | 4.8   |       |        |         |         |         |         |         |         |         |      | 4.8   | 3.0                   |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      | 4.8   |       |        |         |         |         |         |         |         |         |      | 4.8   | 2.0                   |
| NNW                     | 4.8   | 4.8   |        |         |         |         |         |         |         |         |      | 9.5   | 3.5                   |
| VARB                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 28.6  |                       |
|                         | 33.3  | 23.8  | 14.3   |         |         |         |         |         |         |         |      | 100.0 | 3.2                   |

TOTAL NUMBER OF OBSERVATIONS

21

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM  
STATION NAME

66-67  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 30.0  |        |         |         |         |         |         |         |         |      | 30.0  | 5.7                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       | 10.0  |        |         |         |         |         |         |         |         |      | 10.0  | 4.0                   |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       | 10.0   |         |         |         |         |         |         |         |      | 10.0  | 7.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 50.0  |                       |
|                         |       | 40.0  | 10.0   |         |         |         |         |         |         |         |      | 100.0 | 2.8                   |

TOTAL NUMBER OF OBSERVATIONS 10

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 67-68,71  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
0600-0200  
HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 10.0  | 20.0  |        |         |         |         |         |         |         |         |      | 30.0  | 4.7                   |
| NNE                     | 10.0  |       |        |         |         |         |         |         |         |         |      | 10.0  | 2.0                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 60.0  |                       |
|                         | 20.0  | 20.0  |        |         |         |         |         |         |         |         |      | 100.0 | 1.6                   |

TOTAL NUMBER OF OBSERVATIONS 10

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM  
STATION NAME

65-67, 71, 73  
YEARS

4AR  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 3.4   | 10.3  |        | 6.9     |         |         |         |         |         |         |      | 20.7  | 7.3                   |
| NNE                     |       | 3.4   | 3.4    | 3.4     |         |         |         |         |         |         |      | 10.3  | 8.7                   |
| NE                      |       |       |        | 3.4     |         |         |         |         |         |         |      | 3.4   | 14.0                  |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       | 3.4   |        |         |         |         |         |         |         |         |      | 3.4   | 4.0                   |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       | 3.4   |        |         |         |         |         |         |         |         |      | 3.4   | 4.0                   |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       | 6.9    |         |         |         |         |         |         |         |      | 6.9   | 9.0                   |
| W                       |       | 6.9   |        |         |         |         |         |         |         |         |      | 6.9   | 4.5                   |
| WNW                     | 3.4   |       | 3.4    |         |         |         |         |         |         |         |      | 6.9   | 6.5                   |
| NW                      | 6.9   | 10.3  | 3.4    |         |         |         |         |         |         |         |      | 20.7  | 4.2                   |
| NNW                     | 3.4   | 3.4   |        |         |         |         |         |         |         |         |      | 6.9   | 3.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 10.3  |                       |
|                         | 17.2  | 41.4  | 17.2   | 13.8    |         |         |         |         |         |         |      | 100.0 | 9.7                   |

TOTAL NUMBER OF OBSERVATIONS

29

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 93061 STATION NAME STALLION SITE NM YEARS 61-73 MONTH JAN  
CLASS ALL WEATHER HOURS 0600-0800  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 7.2   | 11.1  | 2.2    | 1.2     | .2      | .2      |         |         |         |         |      | 22.3  | 5.1                   |
| NNE                     | 4.0   | 4.7   | 3.5    | 3.7     | 1.0     |         |         |         |         |         |      | 16.2  | 7.6                   |
| NE                      | 3.7   | 1.7   | 1.5    | .5      | .2      |         |         |         |         |         |      | 7.7   | 5.4                   |
| ENE                     | 1.0   | .7    | .7     | 1.0     |         |         |         |         |         |         |      | 3.9   | 7.7                   |
| E                       | .7    | .5    |        | 1.0     |         |         |         |         |         |         |      | 2.2   | 7.9                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      | .2    | .2    | .5     |         |         |         |         |         |         |         |      | 1.0   | 5.8                   |
| SSE                     | .5    | .2    | .5     |         |         |         |         |         |         |         |      | 1.2   | 5.2                   |
| S                       | .5    | 2.2   | .2     | .7      | .5      |         |         |         |         |         |      | 4.2   | 7.6                   |
| SSW                     | 1.2   | 1.2   | .5     | .7      |         |         |         |         |         |         |      | 3.7   | 6.1                   |
| SW                      | .7    |       | 1.0    |         |         |         |         |         |         |         |      | 1.7   | 6.1                   |
| WSW                     |       | .5    | .5     | .2      |         |         |         |         |         |         |      | 1.2   | 7.6                   |
| W                       |       | .2    | .2     |         |         |         |         |         |         |         |      | .5    | 7.0                   |
| WNW                     | .2    | .7    | .5     | .5      |         |         |         |         |         |         |      | 2.0   | 8.0                   |
| NW                      | 1.5   | 1.5   | .5     |         |         |         |         |         |         |         |      | 3.5   | 4.2                   |
| NNW                     | 1.2   | 5.4   | 1.0    | .7      |         |         |         |         |         |         |      | 8.4   | 5.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 20.0  |                       |
|                         | 22.8  | 31.2  | 13.4   | 10.4    | 2.0     | .2      |         |         |         |         |      | 100.0 | 5.0                   |

TOTAL NUMBER OF OBSERVATIONS 404

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
MAR  
C900-1100  
MOON (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.3   | 2.0   | 3.2    | 2.9     | .4      | .1      |         |         |         |         |      | 9.2   | 9.1                   |
| NNE                     | 1.1   | 1.9   | 1.3    | 1.9     | .9      |         |         |         |         |         |      | 7.0   | 9.5                   |
| NE                      | .9    | .7    | .4     | .5      | .2      | .1      |         |         |         |         |      | 2.8   | 8.1                   |
| ENE                     | .5    | .5    | .7     | .1      | .4      |         |         |         |         |         |      | 2.1   | 8.7                   |
| E                       | .7    | 1.3   | .7     | .5      | .2      |         |         |         |         |         |      | 3.4   | 7.2                   |
| ESE                     | 1.2   | .9    | .1     |         |         |         |         |         |         |         |      | 2.2   | 3.5                   |
| SE                      | .9    | .7    | .2     | .4      | .1      |         |         |         |         |         |      | 2.3   | 6.1                   |
| SSE                     | 1.1   | 1.4   | .6     | .5      | .1      |         |         |         |         |         |      | 3.6   | 6.2                   |
| S                       | 2.2   | 4.8   | 2.8    | 2.0     | .5      | .2      |         |         |         |         |      | 12.5  | 7.6                   |
| SSW                     | .7    | 2.6   | 2.8    | 1.8     | .7      | .5      |         |         |         |         |      | 9.0   | 9.8                   |
| SW                      | .8    | 1.6   | 2.1    | .7      | .5      | .4      |         |         |         |         |      | 6.1   | 9.1                   |
| WSW                     | .2    | 1.2   | 1.2    | .7      | .1      |         |         |         |         |         |      | 3.4   | 8.7                   |
| W                       | .4    | .5    | .9     | .5      | .1      |         |         |         |         |         |      | 2.3   | 8.4                   |
| WNW                     | .2    | .6    | .2     | .4      |         |         |         |         |         |         |      | 1.4   | 7.4                   |
| NW                      | .2    | .7    | 1.9    | 1.2     |         |         |         |         |         |         |      | 4.0   | 9.1                   |
| NNW                     | .6    | 1.3   | 1.9    | 2.3     | .7      | .1      |         |         |         |         |      | 6.9   | 10.4                  |
| VARS                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 21.2  |                       |
|                         | 13.0  | 22.5  | 20.9   | 16.1    | 4.9     | 1.4     |         |         |         |         |      | 100.0 | 6.7                   |

TOTAL NUMBER OF OBSERVATIONS 857



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73 YEAR MONTH  
STATION STATION NAME YEARS MONTHS  
ALL WEATHER CLASS 1250-1400  
NOON (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .6    | 1.3   | 2.3    | 2.5     | .5      | .1      |         |         |         |         |      | 7.3   | 10.1                  |
| NNE                     | .4    | 1.3   | .7     | 1.3     |         |         |         |         |         |         |      | 3.6   | 8.5                   |
| NE                      | .2    | .5    | .7     | .9      | .1      | .2      |         |         |         |         |      | 2.7   | 10.8                  |
| ENE                     | .4    | .5    | .6     | .1      | .2      |         |         |         |         |         |      | 1.5   | 8.0                   |
| E                       | .2    | .6    | .2     | .6      | .1      |         |         |         |         |         |      | 1.5   | 9.0                   |
| ESE                     | .5    | .6    | .2     |         |         |         |         |         |         |         |      | 1.3   | 5.1                   |
| SE                      | .1    | .2    | .5     | .4      | .5      |         |         |         |         |         |      | 1.5   | 11.9                  |
| SSE                     | .4    | 1.6   | 1.5    | .4      | .1      |         |         |         |         |         |      | 6.0   | 7.3                   |
| S                       | 1.4   | 4.6   | 5.4    | 2.9     | .7      | .2      |         |         |         |         |      | 15.3  | 8.6                   |
| SSW                     | .6    | 2.4   | 2.9    | 5.0     | .7      | .5      |         |         |         |         |      | 14.1  | 10.2                  |
| SW                      | .5    | 2.2   | 2.7    | 2.9     | .9      | .2      |         |         |         |         |      | 9.5   | 10.3                  |
| WSW                     | 1.2   | 2.6   | 2.1    | 1.3     | .3      | .2      | .4      |         |         |         |      | 8.2   | 9.5                   |
| W                       | .9    | 2.6   | 2.1    | .5      | .4      | .1      |         |         |         |         |      | 6.6   | 7.6                   |
| WW                      | .4    | .9    | .9     | .2      | .2      |         |         |         |         |         |      | 2.7   | 7.8                   |
| NW                      |       | 1.2   | 1.6    | 1.1     | .1      | .1      |         |         |         |         |      | 4.1   | 9.7                   |
| NNW                     | .6    | 1.6   | 1.8    | 1.2     | .8      |         |         |         |         |         |      | 6.0   | 9.6                   |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 9.5   |                       |
|                         | 8.2   | 25.7  | 27.3   | 21.2    | 5.9     | 1.8     | .4      |         |         |         |      | 100.0 | 8.4                   |

TOTAL NUMBER OF OBSERVATIONS 852

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM  
STATION NAME

61-73  
YEARS

PAR  
MONTHS

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .4    | 1.2   | 2.2    | 1.2     | .6      | .2      |         |         |         |         |      | 5.9   | 9.7                   |
| NNE                     |       | 1.5   | 1.5    | .6      | .2      | .2      |         |         |         |         |      | 3.9   | 8.7                   |
| NE                      | .2    | .2    | .4     | .6      |         | .2      |         |         |         |         |      | 1.5   | 11.1                  |
| ENE                     |       | .2    | .9     | .9      | .2      |         |         |         |         |         |      | 2.2   | 11.3                  |
| E                       | .2    | .9    |        | .7      |         |         |         |         |         |         |      | 1.5   | 8.0                   |
| ESE                     | .2    | .6    | .2     | .2      |         |         |         |         |         |         |      | 1.1   | 6.3                   |
| SE                      | .2    | .4    | .7     | .4      |         |         |         |         |         |         |      | 1.7   | 8.2                   |
| SSE                     | .4    | .9    | 1.1    | .9      | .2      |         |         |         |         |         |      | 3.5   | 8.3                   |
| S                       | 1.2   | 2.4   | 3.3    | 2.9     | .9      |         |         |         |         |         |      | 11.7  | 9.6                   |
| SSW                     | .7    | 2.8   | 5.7    | 2.9     | 1.5     | .9      |         |         |         |         |      | 15.4  | 10.8                  |
| SW                      | .6    | 2.5   | 4.2    | 2.3     | .6      | .2      |         |         |         |         |      | 12.3  | 9.6                   |
| WSW                     | .6    | 1.5   | 2.2    | 2.4     | .6      | .2      | .2      |         |         |         |      | 7.5   | 10.7                  |
| W                       | .7    | 2.4   | 3.1    | 2.8     | .9      |         |         |         |         |         |      | 9.9   | 9.5                   |
| WNW                     | .6    | 1.2   | .6     | .4      | .6      |         | .2      |         |         |         |      | 3.5   | 9.8                   |
| NW                      | .4    | 1.1   | .7     | .9      | .2      | .2      |         |         |         |         |      | 3.5   | 9.7                   |
| NNW                     | .2    | .7    | 1.2    | 1.8     | 1.1     |         |         |         |         |         |      | 5.1   | 11.8                  |
| VARB.                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 9.5   |                       |
|                         | 6.4   | 21.5  | 28.1   | 24.8    | 7.2     | 2.0     | .4      |         |         |         |      | 100.0 | 9.0                   |

TOTAL NUMBER OF OBSERVATIONS 545

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM  
STATION NAME

64-68,71,73  
YEARS

VAR  
MONTH

ALL WEATHER  
CLASS

1400-2000  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.7   |       | 2.7    |         |         |         |         |         |         |         |      | 5.4   | 4.5                   |
| NNE                     |       | 2.7   |        |         |         |         |         |         |         |         |      | 2.7   | 6.0                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       | 2.7   | 5.4   |        | 2.7     |         |         |         |         |         |         |      | 10.8  | 6.0                   |
| SSW                     |       | 8.1   |        |         |         |         |         |         |         |         |      | 8.1   | 5.7                   |
| SW                      | 2.7   | 8.1   |        |         |         |         |         |         |         |         |      | 10.8  | 4.8                   |
| WSW                     | 2.7   |       |        |         |         |         |         |         |         |         |      | 2.7   | 3.0                   |
| W                       | 2.7   | 5.4   | 8.1    |         |         |         |         |         |         |         |      | 16.2  | 6.3                   |
| WNW                     |       | 2.7   |        | 2.7     |         |         |         |         |         |         |      | 5.4   | 9.0                   |
| NW                      |       |       | 8.1    | 2.7     |         |         |         |         |         |         |      | 10.8  | 10.5                  |
| NNW                     |       | 2.7   |        |         |         |         |         |         |         |         |      | 2.7   | 4.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 24.3  |                       |
|                         | 12.5  | 35.1  | 18.9   | 8.1     |         |         |         |         |         |         |      | 100.0 | 4.9                   |

TOTAL NUMBER OF OBSERVATIONS

17

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM  
STATION NAME

66-68, 71, 73  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 7.4   |       | 3.7    |         |         |         |         |         |         |         |      | 11.1  | 4.3                   |
| NNE                     | 3.7   | 3.7   |        |         |         |         |         |         |         |         |      | 7.4   | 3.0                   |
| NE                      | 3.7   | 3.7   |        |         |         |         |         |         |         |         |      | 7.4   | 3.5                   |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     | 3.7   |       |        |         |         |         |         |         |         |         |      | 3.7   | 2.0                   |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     | 3.7   |       |        |         |         |         |         |         |         |         |      | 3.7   | 3.0                   |
| SW                      |       | 3.7   |        |         |         |         |         |         |         |         |      | 3.7   | 4.0                   |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       | 11.1  | 3.7   |        |         |         |         |         |         |         |         |      | 14.8  | 2.5                   |
| WW                      | 3.7   | 7.4   |        |         |         |         |         |         |         |         |      | 11.1  | 4.0                   |
| WNW                     |       | 3.7   | 3.7    | 3.7     |         |         |         |         |         |         |      | 11.1  | 3.7                   |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 25.9  |                       |
|                         | 37.0  | 23.9  | 7.4    | 3.7     |         |         |         |         |         |         |      | 100.0 | 3.1                   |

TOTAL NUMBER OF OBSERVATIONS

27

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 93061 STATION NAME STALLION SITE NM YEARS 70 MONTHS APR

CLASS ALL WEATHER

COORDINATE 0000-0200  
 (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       | 50.0   |         |         |         |         |         |         |         |      | 50.0  | 8.0                   |
| NNW                     |       | 50.0  |        |         |         |         |         |         |         |         |      | 50.0  | 6.0                   |
| VARS                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
|                         |       | 50.0  | 50.0   |         |         |         |         |         |         |         |      | 100.0 | 7.0                   |

TOTAL NUMBER OF OBSERVATIONS 2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 64-68,73 APR  
STATION STATION NAME YEARS MONTHS  
0300-0500  
HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 3.2   | 16.1  | 6.5    |         |         |         |         |         |         |         |      | 25.8  | 6.0                   |
| NNE                     | 9.7   | 29.0  |        |         |         |         |         |         |         |         |      | 38.7  | 4.2                   |
| NE                      |       |       | 3.2    | 3.2     |         |         |         |         |         |         |      | 6.5   | 11.5                  |
| ENE                     |       |       | 3.2    |         |         |         |         |         |         |         |      | 3.2   | 8.0                   |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       | 3.2    |         |         |         |         |         |         |         |      | 3.2   | 7.0                   |
| SW                      |       |       | 6.5    |         |         |         |         |         |         |         |      | 6.5   | 8.5                   |
| WSW                     | 3.2   |       |        |         |         |         |         |         |         |         |      | 3.2   | 2.0                   |
| W                       | 3.2   |       |        |         |         |         |         |         |         |         |      | 3.2   | 3.0                   |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 9.7   |                       |
|                         | 19.4  | 45.2  | 22.0   | 3.2     |         |         |         |         |         |         |      | 100.0 | 5.1                   |

TOTAL NUMBER OF OBSERVATIONS 31

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 61-73 APR  
STATION MONTH  
ALL WEATHER 0600-0800  
CLASS HOUR (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 3.6   | 9.6   | 5.3    | 1.7     | .5      |         |         |         |         |         |      | 20.7  | 6.5                   |
| NNE                     | 2.9   | 4.6   | 1.4    | 1.9     | .5      |         |         |         |         |         |      | 11.3  | 6.9                   |
| NE                      | 1.7   | 4.1   | 1.2    | 1.4     | .5      | .2      |         |         |         |         |      | 9.2   | 7.7                   |
| NNE                     | 1.0   | 1.2   | 1.2    | .2      | 1.0     | .2      |         |         |         |         |      | 4.3   | 9.6                   |
| E                       | 1.0   | 1.4   | 1.0    |         |         |         |         |         |         |         |      | 3.4   | 5.1                   |
| ESE                     |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 6.0                   |
| SE                      | .2    |       | .2     |         |         |         |         |         |         |         |      | .5    | 5.5                   |
| SSE                     | .2    |       | .2     | .2      |         |         |         |         |         |         |      | 1.0   | 7.3                   |
| S                       | 1.4   | 2.1   | .7     | 2.4     | .7      |         |         |         |         |         |      | 8.4   | 8.6                   |
| SSW                     | 1.2   | 1.2   | 1.7    | 2.2     |         |         |         |         |         |         |      | 6.3   | 8.0                   |
| SW                      | .7    | .7    | 1.7    | 1.2     |         |         |         |         |         |         |      | 4.3   | 8.3                   |
| WSW                     | .2    | 1.0   | 1.0    | .5      |         |         |         |         |         |         |      | 2.9   | 6.7                   |
| W                       | .2    |       | .2     |         |         |         |         |         |         |         |      | .7    | 5.0                   |
| WNW                     | .2    |       | .5     |         |         |         |         |         |         |         |      | .7    | 6.3                   |
| NW                      | .2    | .2    | .7     | .2      | .2      |         |         |         |         |         |      | 1.7   | 9.6                   |
| NNW                     | 1.2   | 1.2   | 1.0    | 1.0     |         |         |         |         |         |         |      | 4.3   | 7.1                   |
| VARB.                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 19.3  |                       |
|                         | 16.9  | 28.7  | 18.1   | 13.0    | 2.4     | .5      |         |         |         |         |      | 100.0 | 5.9                   |

TOTAL NUMBER OF OBSERVATIONS 415

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM  
STATION NAME

01-73  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .7    | 2.3   | 2.6    | 2.0     | .5      |         |         |         |         |         |      | 8.1   | 8.7                   |
| NNE                     | 1.0   | .9    | 1.1    | 1.1     | .1      |         |         |         |         |         |      | 4.2   | 7.9                   |
| NE                      | .5    | 1.6   | 1.2    | .9      | .6      | .1      |         |         |         |         |      | 4.9   | 9.3                   |
| ENE                     | .4    | .2    | .5     | 1.1     | .4      | .6      |         |         |         |         |      | 3.2   | 13.6                  |
| E                       | .7    | .6    | .1     |         |         |         |         |         |         |         |      | 1.5   | 3.7                   |
| ESE                     | .7    | .7    |        |         |         |         |         |         |         |         |      | 1.5   | 3.3                   |
| SE                      | .6    | .7    | .6     | .2      |         |         |         |         |         |         |      | 2.2   | 6.2                   |
| SSE                     | .9    | 1.2   | 1.1    |         | .2      |         |         |         |         |         |      | 3.4   | 6.3                   |
| S                       | 2.6   | 5.8   | 3.2    | 2.0     | 1.5     | .2      |         |         |         |         |      | 15.2  | 8.1                   |
| SSW                     | .7    | 2.8   | 4.0    | 3.4     | 2.2     |         |         |         |         |         |      | 13.2  | 10.5                  |
| SW                      | .2    | 2.0   | 2.9    | 1.5     | .9      | .1      |         |         |         |         |      | 7.6   | 10.0                  |
| WSW                     | .4    | 1.0   | 2.2    | 1.2     | .1      | .1      |         |         |         |         |      | 5.0   | 9.3                   |
| W                       | .6    | 1.1   | 1.0    | 1.0     |         |         |         |         |         |         |      | 3.7   | 8.1                   |
| WNW                     | .1    | 1.6   | .6     | .4      | .1      |         |         |         |         |         |      | 2.8   | 7.4                   |
| NW                      | .4    | 1.1   | .5     | .6      | .1      |         |         |         |         |         |      | 2.7   | 8.0                   |
| NNW                     | .2    | .9    | 2.2    | 2.0     | .6      |         |         |         |         |         |      | 5.9   | 10.6                  |
| VARB                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 15.0  |                       |
|                         | 10.8  | 24.5  | 23.9   | 17.3    | 7.4     | 1.2     |         |         |         |         |      | 100.0 | 7.6                   |

TOTAL NUMBER OF OBSERVATIONS 816



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73 APR  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .2    | 1.9   | 1.7    | .6      |         |         |         |         |         |         |      | 4.5   | 7.4                   |
| NNE                     | .2    | .7    | .9     | .4      | .2      |         |         |         |         |         |      | 2.5   | 8.6                   |
| NE                      |       | .4    | 1.1    | .4      | .4      |         |         |         |         |         |      | 2.2   | 10.6                  |
| ENE                     | .2    | .5    | .2     | 1.1     | .1      |         |         |         |         |         |      | 2.2   | 10.4                  |
| E                       | .4    | 1.1   | .5     | .1      | .1      |         |         |         |         |         |      | 2.2   | 6.9                   |
| ESE                     | .1    | .5    | .4     | .1      |         |         |         |         |         |         |      | 1.1   | 7.2                   |
| SE                      | .2    | .9    | .4     | .4      |         |         |         |         |         |         |      | 1.9   | 6.8                   |
| SSE                     | .1    | 1.4   | 1.0    | .6      | .2      |         |         |         |         |         |      | 3.3   | 8.3                   |
| S                       | 1.0   | 5.1   | 4.2    | 4.0     | 1.1     |         | .1      |         |         |         |      | 15.6  | 9.4                   |
| SSW                     | .6    | 3.8   | 6.8    | 4.1     | 2.5     | 1.4     |         |         |         |         |      | 19.2  | 11.4                  |
| SW                      | .6    | 2.2   | 4.3    | 4.7     | 1.0     | .6      |         |         |         |         |      | 13.5  | 11.1                  |
| WSW                     | .7    | 1.5   | 2.1    | 2.8     | 1.0     | .1      |         |         |         |         |      | 9.3   | 10.5                  |
| W                       | .6    | 1.7   | 2.1    | 1.1     | .5      |         |         |         |         |         |      | 6.1   | 9.0                   |
| WNW                     | .4    | 1.5   | .7     | .5      | .5      |         |         |         |         |         |      | 3.6   | 8.3                   |
| NW                      | .1    | .5    | 1.0    | .4      | .2      | .1      |         |         |         |         |      | 2.4   | 10.2                  |
| NNW                     | .5    | 1.1   | 1.2    | .7      |         | .2      |         |         |         |         |      | 3.8   | 8.7                   |
| VARB                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 6.7   |                       |
|                         | 6.2   | 24.8  | 29.7   | 22.0    | 7.9     | 2.6     | .1      |         |         |         |      | 100.0 | 9.2                   |

TOTAL NUMBER OF OBSERVATIONS 808

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STATION SITE NM 61-73 APR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 1200-1700  
CLASS HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .6    | 1.7   | 1.2    | .2      | .2      | .2      |         |         |         |         |      | 4.1   | 8.1                   |
| NNE                     | .6    | .2    | .6     |         | .2      |         |         |         |         |         |      | 1.7   | 7.9                   |
| NE                      | .2    | .6    | .6     |         | .2      |         |         |         |         |         |      | 1.7   | 8.4                   |
| ENE                     |       | .6    | 1.0    | .6      |         |         |         |         |         |         |      | 2.3   | 9.2                   |
| E                       | .4    | .8    | .4     | .6      |         |         |         |         |         |         |      | 2.3   | 7.1                   |
| ESE                     | .2    |       | .6     |         |         |         |         |         |         |         |      | .9    | 6.3                   |
| SE                      |       | 1.0   | .4     | .2      |         |         |         |         |         |         |      | 1.7   | 7.3                   |
| SSE                     | .4    | .8    | .2     | 1.2     |         |         |         |         |         |         |      | 2.7   | 8.5                   |
| S                       | .4    | 3.3   | 5.0    | 4.8     | .6      |         |         |         |         |         |      | 14.1  | 9.8                   |
| SSW                     | .6    | 2.7   | 7.1    | 7.3     | 1.9     | 1.7     | .4      |         |         |         |      | 21.6  | 12.3                  |
| SW                      | .6    | 1.2   | 3.9    | 5.8     | 2.1     | 1.0     |         |         |         |         |      | 14.7  | 12.5                  |
| WSW                     | .2    | 1.3   | 2.5    | 2.9     | .2      | .2      | .2      |         |         |         |      | 7.7   | 11.1                  |
| W                       | 1.0   | 2.5   | 2.9    | 2.1     | 1.2     |         |         |         |         |         |      | 9.9   | 9.6                   |
| WNW                     | .6    | .4    | .6     |         | .4      |         |         |         |         |         |      | 2.1   | 8.5                   |
| NW                      |       | .2    | 1.2    | .8      | 1.2     |         |         |         |         |         |      | 3.5   | 13.8                  |
| NNW                     |       | .4    | .6     | .8      | .4      | .2      |         |         |         |         |      | 2.5   | 13.1                  |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 6.3   |                       |
|                         | 6.0   | 18.0  | 29.0   | 27.4    | 8.7     | 3.3     | .6      |         |         |         |      | 100.0 | 10.0                  |

TOTAL NUMBER OF OBSERVATIONS 482

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 63-64, 67, 70, 73 APR 1200-2000  
STATION STATION NAME YEARS MONTHS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N                 |       | 5.9   |        |         |         |         |         |         |         |         |      | 5.9   | 5.0             |
| NNE               |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| NE                |       |       | 17.6   |         |         |         |         |         |         |         |      | 17.6  | 7.7             |
| ENE               |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| E                 |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| ESE               |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| SE                |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| SSE               |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| S                 |       | 5.9   | 11.8   |         |         |         |         |         |         |         |      | 17.6  | 8.7             |
| SSW               |       |       | 5.9    | 11.8    |         |         |         |         |         |         |      | 17.6  | 11.7            |
| SW                |       |       |        | 11.8    |         |         |         |         |         |         |      | 11.8  | 13.0            |
| WSW               |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| W                 |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| WNW               |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| NW                | 5.9   |       | 11.8   |         |         |         |         |         |         |         |      | 17.6  | 6.3             |
| NNW               |       | 5.9   |        | 5.9     |         |         |         |         |         |         |      | 11.8  | 8.9             |
| VARBL             |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| CALM              |       |       |        |         |         |         |         |         |         |         |      |       |                 |
|                   | 5.9   | 17.6  | 47.1   | 29.4    |         |         |         |         |         |         |      | 100.0 | 8.9             |

TOTAL NUMBER OF OBSERVATIONS 17

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93001 STALLION SITE NM 64, 67, 70, 73 APR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
2100-2300  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNE                     |       |       | 18.2   |         |         |         |         |         |         |         |      | 18.2  | 9.0                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       | 9.1   |        |         |         |         |         |         |         |         |      | 9.1   | 4.0                   |
| SSW                     |       |       | 18.2   |         |         |         |         |         |         |         |      | 18.2  | 7.5                   |
| SW                      |       | 9.1   |        |         |         |         |         |         |         |         |      | 9.1   | 4.0                   |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       | 18.2  |        |         |         |         |         |         |         |         |      | 18.2  | 9.5                   |
| NNW                     |       | 9.1   | 18.2   |         |         |         |         |         |         |         |      | 27.3  | 6.7                   |
| VARS                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
|                         |       | 45.5  | 54.5   |         |         |         |         |         |         |         |      | 100.0 | 6.5                   |

TOTAL NUMBER OF OBSERVATIONS 11

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM  
STATION NAME

65-68  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       |       | 20.0   |         |         |         |         |         |         |         |      | 20.0  | 7.0                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        | 10.0    | 10.0    |         |         |         |         |         |      | 20.0  | 16.5                  |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      | 10.0  |       |        |         |         |         |         |         |         |         |      | 10.0  | 3.0                   |
| WSW                     |       | 10.0  |        |         |         |         |         |         |         |         |      | 10.0  | 6.0                   |
| W                       |       | 10.0  |        |         |         |         |         |         |         |         |      | 10.0  | 4.0                   |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       | 10.0  |        |         |         |         |         |         |         |         |      | 10.0  | 4.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 20.0  |                       |
|                         | 10.0  | 30.0  | 20.0   | 10.0    | 10.0    |         |         |         |         |         |      | 100.0 | 6.4                   |

TOTAL NUMBER OF OBSERVATIONS

10

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 93061 STATION NAME STALLION SITE NM YEARS 63-68,73 DATE MAY  
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 6.7   | 26.7  | 3.3    |         |         |         |         |         |         |         |      | 36.7  | 4.6                   |
| NNE                     |       | 6.7   | 3.3    |         |         |         |         |         |         |         |      | 10.0  | 5.7                   |
| NE                      |       |       |        | 13.3    |         |         |         |         |         |         |      | 13.3  | 12.8                  |
| ENE                     | 3.3   |       |        |         |         |         |         |         |         |         |      | 3.3   | 2.0                   |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       | 6.7   |        |         |         |         |         |         |         |         |      | 6.7   | 5.0                   |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      | 3.3   | 3.3   |        |         |         |         |         |         |         |         |      | 6.7   | 3.5                   |
| WSW                     |       | 3.3   |        |         |         |         |         |         |         |         |      | 3.3   | 6.0                   |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       | 3.3    |         |         |         |         |         |         |         |      | 3.3   | 7.0                   |
| VARB                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 16.7  |                       |
|                         | 13.3  | 46.7  | 10.0   | 13.3    |         |         |         |         |         |         |      | 100.0 | 5.0                   |

TOTAL NUMBER OF OBSERVATIONS 30

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73 MAY  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLAS  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 4.4   | 12.5  | 1.9    | 2.1     |         |         |         |         |         |         |      | 20.9  | 5.5                   |
| NNE                     | 2.1   | 9.0   | 1.7    | 1.3     | 1.0     |         |         |         |         |         |      | 11.1  | 7.2                   |
| NE                      | 1.9   | 1.7   | 2.5    | 1.7     | 1.0     |         |         |         |         |         |      | 8.4   | 9.0                   |
| ENE                     | 1.7   | .8    | .6     | .2      | 1.1     |         |         |         |         |         |      | 4.4   | 8.2                   |
| E                       | 2.5   | 1.3   |        | .2      | .6      |         |         |         |         |         |      | 4.6   | 5.3                   |
| ESE                     | .6    | .6    |        |         |         |         |         |         |         |         |      | 1.1   | 3.7                   |
| SE                      | .6    | .6    |        |         |         |         |         |         |         |         |      | 1.1   | 3.2                   |
| SSE                     | 1.0   | 1.3   | .6     | .2      |         |         |         |         |         |         |      | 3.1   | 5.4                   |
| S                       | 1.0   | 3.1   | 1.7    | 1.9     | .4      |         |         |         |         |         |      | 8.0   | 8.2                   |
| SSW                     | .6    | 1.1   | .8     | .8      |         |         |         |         |         |         |      | 3.3   | 7.4                   |
| SW                      | .2    | .8    | 1.1    | .6      |         |         |         |         |         |         |      | 2.7   | 7.8                   |
| WSW                     | .4    | .6    | .6     |         | .2      |         |         |         |         |         |      | 1.7   | 6.6                   |
| W                       | .2    | .4    | .6     |         |         |         |         |         |         |         |      | 1.1   | 6.5                   |
| WNW                     | .2    |       |        | .2      |         |         |         |         |         |         |      | .4    | 8.5                   |
| NW                      |       | .2    |        | .6      |         |         |         |         |         |         |      | .6    | 10.7                  |
| NNW                     | 1.1   | 1.3   | 1.1    |         | .4      |         |         |         |         |         |      | 4.0   | 6.6                   |
| VARB                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 23.4  |                       |
|                         | 18.0  | 31.2  | 13.2   | 9.6     | 4.6     |         |         |         |         |         |      | 100.0 | 5.2                   |

TOTAL NUMBER OF OBSERVATIONS 522

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 61-73 MAY  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .1    | 1.7   | 1.5    | .5      |         |         |         |         |         |         |      | 3.8   | 7.2                   |
| NNE                     | .9    | 1.1   | 1.5    | .6      | .1      |         |         |         |         |         |      | 4.1   | 7.6                   |
| NE                      | .1    | .5    | .6     | 1.5     | .2      | .1      |         |         |         |         |      | 3.0   | 11.8                  |
| ENE                     | .5    | .7    | .5     | 1.5     | .4      |         |         |         |         |         |      | 3.5   | 10.0                  |
| E                       | .9    | .2    |        | 1.0     | .1      |         |         |         |         |         |      | 2.2   | 8.8                   |
| ESE                     | .6    | 1.1   | .6     | .2      |         |         |         |         |         |         |      | 2.6   | 6.0                   |
| SE                      | .2    | 1.0   | 1.1    | .2      |         |         |         |         |         |         |      | 2.6   | 7.4                   |
| SSE                     | .6    | 1.8   | 1.1    | .6      |         |         |         |         |         |         |      | 4.1   | 7.0                   |
| S                       | 2.9   | 7.0   | 6.0    | 2.3     | 2.0     | .2      |         |         |         |         |      | 20.4  | 8.3                   |
| SSW                     | 1.5   | 3.8   | 4.9    | 2.2     | .4      | .1      |         |         |         |         |      | 12.8  | 8.0                   |
| SW                      | .7    | 2.1   | 2.8    | 1.2     | .4      |         |         |         |         |         |      | 7.2   | 8.5                   |
| WSW                     | 1.1   | 2.3   | 1.6    | 1.0     |         | .1      |         |         |         |         |      | 6.1   | 7.4                   |
| W                       | 1.2   | 2.2   | .7     | .4      |         |         |         |         |         |         |      | 4.5   | 5.6                   |
| WNW                     | .7    | .6    | .9     | .1      |         |         |         |         |         |         |      | 2.3   | 6.0                   |
| NW                      | .1    | .9    | .5     | .7      | .1      |         |         |         |         |         |      | 2.3   | 9.7                   |
| NNW                     | .6    | 1.3   | 1.5    | .7      | .1      |         |         |         |         |         |      | 4.3   | 7.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 14.1  |                       |
|                         | 12.8  | 28.3  | 29.6   | 14.8    | 3.8     | .6      |         |         |         |         |      | 100.0 | 6.8                   |

TOTAL NUMBER OF OBSERVATIONS 820



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73 MAY  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .7    | 1.2   | 1.4    | .5      |         |         |         |         |         |         |      | 3.8   | 6.8                   |
| NNE                     | .4    | .7    | .6     | .2      |         |         |         |         |         |         |      | 2.0   | 6.6                   |
| NE                      | .2    | .7    | .4     | .6      |         |         |         |         |         |         |      | 2.0   | 8.1                   |
| ENE                     |       | .5    | .5     | .7      |         |         |         |         |         |         |      | 1.7   | 9.7                   |
| E                       | .4    | .2    | .4     | .5      | .1      |         |         |         |         |         |      | 1.6   | 8.9                   |
| ESE                     | .4    | .4    | .4     | .5      |         |         |         |         |         |         |      | 1.6   | 7.8                   |
| SE                      | .1    | .6    | .5     | .4      |         |         |         |         |         |         |      | 1.6   | 7.6                   |
| SSE                     | .4    | .2    | 1.6    | 1.0     | .4      |         |         |         |         |         |      | 3.6   | 10.0                  |
| S                       | 1.2   | 3.0   | 6.4    | 6.7     | 2.3     | .9      |         |         |         |         |      | 21.1  | 11.0                  |
| SSW                     | .9    | 3.0   | 6.9    | 4.4     | 1.4     | .7      | .1      |         |         |         |      | 17.4  | 10.7                  |
| SW                      | .6    | 2.5   | 3.2    | 4.6     | 1.0     | .1      |         |         |         |         |      | 11.9  | 10.3                  |
| WSW                     | .5    | 2.6   | 2.6    | 2.1     | .6      | .1      |         |         |         |         |      | 9.5   | 8.8                   |
| W                       | .4    | 2.3   | 3.1    | .6      | .1      |         |         |         |         |         |      | 6.5   | 7.8                   |
| WNW                     | .4    | 1.0   | .6     | .1      |         |         |         |         |         |         |      | 2.1   | 5.6                   |
| NW                      | .4    | .6    | .4     |         |         |         |         |         |         |         |      | 1.4   | 5.4                   |
| NNW                     | .5    | .7    | 1.5    | .6      | .4      |         |         |         |         |         |      | 3.7   | 8.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 8.6   |                       |
|                         | 7.4   | 21.9  | 30.3   | 23.3    | 6.3     | 1.8     | .1      |         |         |         |      | 100.0 | 8.7                   |

TOTAL NUMBER OF OBSERVATIONS 812

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM  
STATION NAME

61-73  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .3    | .8    | .6     | .6      |         |         |         |         |         |         |      | 2.2   | 8.3                   |
| NNE                     |       | .3    | .3     | .3      |         |         |         |         |         |         |      | .8    | 8.7                   |
| NE                      |       |       | .6     |         |         |         |         |         |         |         |      | .6    | 8.5                   |
| ENE                     | .3    | .8    | .6     | .3      |         |         |         |         |         |         |      | 1.9   | 6.7                   |
| E                       | .3    | .8    | 1.7    | 1.4     | .3      |         |         |         |         |         |      | 4.4   | 10.4                  |
| ESE                     |       |       | 1.1    |         |         |         |         |         |         |         |      | 1.1   | 8.3                   |
| SE                      |       | .3    | .6     | .8      |         |         |         |         |         |         |      | 1.7   | 10.0                  |
| SSE                     | .3    | 1.1   | 2.8    | 1.1     |         |         |         |         |         |         |      | 5.2   | 8.4                   |
| S                       | .6    | 3.0   | 6.9    | 6.1     | 1.9     | .3      |         |         |         |         |      | 18.7  | 11.2                  |
| SSW                     | .8    | 3.0   | 5.8    | 4.7     | 2.9     | .3      |         |         |         |         |      | 18.5  | 11.4                  |
| SW                      | .3    | 2.8   | 6.1    | 4.1     | 1.4     | .8      |         |         |         |         |      | 15.4  | 10.8                  |
| WSW                     | .3    | 1.7   | 2.5    | 1.7     | .3      |         |         |         |         |         |      | 6.3   | 9.4                   |
| W                       | 1.1   | 2.8   | 3.9    | 1.4     | 1.4     |         |         |         |         |         |      | 10.5  | 9.2                   |
| WNW                     |       | .8    | .3     | .3      |         |         |         |         |         |         |      | 1.4   | 7.8                   |
| NW                      |       | 1.1   | .6     | .3      |         |         |         |         |         |         |      | 1.9   | 7.7                   |
| NNW                     | .3    | .8    | .8     | .8      | .3      |         |         |         |         |         |      | 3.0   | 10.2                  |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 6.3   |                       |
|                         | 6.4   | 20.1  | 24.7   | 22.7    | 9.4     | 1.6     |         |         |         |         |      | 100.0 | 9.6                   |

TOTAL NUMBER OF OBSERVATIONS 363

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 03-69,73 MAY  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1800-2000  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       |       | 5.8    | 1.9     |         |         |         |         |         |         |      | 7.7   | 10.8                  |
| NNE                     |       |       | 2.8    | 3.8     |         |         |         |         |         |         |      | 7.7   | 10.3                  |
| NE                      |       | 1.9   |        |         | 3.8     |         |         |         |         |         |      | 5.8   | 14.3                  |
| ENE                     |       | 1.9   |        |         |         |         |         |         |         |         |      | 1.9   | 6.0                   |
| E                       |       |       |        | 5.8     |         |         |         |         |         |         |      | 5.8   | 14.3                  |
| ESE                     |       | 1.9   |        |         |         |         |         |         |         |         |      | 1.9   | 6.0                   |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       | 1.9    | 1.9     |         |         |         |         |         |         |      | 3.8   | 11.0                  |
| S                       |       |       | 5.8    | 1.9     |         |         |         |         |         |         |      | 7.7   | 9.8                   |
| SSW                     |       |       | 7.7    | 1.9     |         |         |         |         |         |         |      | 9.6   | 9.0                   |
| SW                      | 1.9   |       | 7.7    | 1.9     | 1.9     |         |         |         |         |         |      | 13.5  | 10.4                  |
| WSW                     |       | 3.8   | 7.7    | 1.9     |         |         |         |         |         |         |      | 13.5  | 8.4                   |
| W                       |       | 1.9   | 1.9    |         | 1.9     |         |         |         |         |         |      | 5.8   | 10.3                  |
| WNW                     |       | 3.8   | 1.9    | 1.9     |         |         |         |         |         |         |      | 7.7   | 8.0                   |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 7.7   |                       |
|                         | 1.9   | 15.4  | 44.2   | 23.1    | 7.7     |         |         |         |         |         |      | 100.0 | 9.3                   |

TOTAL NUMBER OF OBSERVATIONS 52

3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM  
STATION NAME

63,65-68  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 8.7   | 8.7   | 4.3    |         |         |         |         |         |         |         |      | 21.7  | 3.0                   |
| NNE                     |       | 4.3   |        |         |         |         |         |         |         |         |      | 4.3   | 3.0                   |
| NE                      |       |       | 4.3    |         |         | 4.3     |         |         |         |         |      | 8.7   | 13.0                  |
| ENE                     |       |       | 4.3    |         |         |         |         |         |         |         |      | 4.3   | 7.0                   |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      | 4.3   |       |        |         |         |         |         |         |         |         |      | 4.3   | 2.0                   |
| SSE                     |       | 4.3   |        |         |         |         |         |         |         |         |      | 4.3   | 4.0                   |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       | 4.3   |        |         |         |         |         |         |         |         |      | 4.3   | 6.0                   |
| SW                      |       | 4.3   |        |         |         |         |         |         |         |         |      | 4.3   | 4.0                   |
| WSW                     |       | 4.3   | 4.3    |         |         |         |         |         |         |         |      | 8.7   | 8.0                   |
| W                       |       | 8.7   | 4.3    |         |         |         |         |         |         |         |      | 13.0  | 7.0                   |
| WNW                     | 4.3   | 8.7   | 4.3    |         |         |         |         |         |         |         |      | 17.4  | 5.5                   |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 4.3   |                       |
|                         | 17.4  | 47.8  | 28.1   |         |         | 4.3     |         |         |         |         |      | 100.0 | 6.2                   |

TOTAL NUMBER OF OBSERVATIONS 23

3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM

STATION NAME

64-67,69

YEARS

JUN

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNE                     |       | 20.0  |        |         |         |         |         |         |         |         |      | 20.0  | 6.0                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        | 20.0    |         |         |         |         |         |         |      | 20.0  | 14.5                  |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       | 10.0  | 10.0  |        |         |         |         |         |         |         |         |      | 20.0  | 4.5                   |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     | 10.0  |       |        |         |         |         |         |         |         |         |      | 10.0  | 2.0                   |
| W                       | 20.0  |       |        |         |         |         |         |         |         |         |      | 20.0  | 2.5                   |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 10.0  |                       |
|                         | 40.0  | 20.0  |        | 20.0    |         |         |         |         |         |         |      | 100.0 | 5.7                   |

TOTAL NUMBER OF OBSERVATIONS

10

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 64-66,68  
STATION STATION NAME YEARS MONTHS  
ALL WEATHER  
CLASS  
CONDITION  
0200-0300  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 5.9   | 5.9   | 17.6   |         |         |         |         |         |         |         |      | 29.4  | 6.0                   |
| NNE                     | 5.9   | 5.9   |        |         |         |         |         |         |         |         |      | 11.8  | 4.0                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       | 5.9    |         |         |         |         |         |         |         |      | 5.9   | 8.0                   |
| SSW                     |       |       | 5.9    |         |         |         |         |         |         |         |      | 5.9   | 7.0                   |
| SW                      |       | 5.9   |        |         |         |         |         |         |         |         |      | 5.9   | 6.0                   |
| WSW                     |       | 5.9   |        |         |         |         |         |         |         |         |      | 5.9   | 6.0                   |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       | 5.9   |        |         |         |         |         |         |         |         |      | 5.9   | 5.0                   |
| NNW                     |       | 5.9   |        |         |         |         |         |         |         |         |      | 5.9   | 4.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 23.5  |                       |
|                         | 11.8  | 35.3  | 29.4   |         |         |         |         |         |         |         |      | 100.0 | 4.4                   |

TOTAL NUMBER OF OBSERVATIONS 17

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 61-73 JUN  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
0600-0800  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 5.2   | 5.6   | 2.2    | 1.4     | .4      |         |         |         |         |         |      | 14.7  | 5.6                   |
| NNE                     | 2.2   | 3.2   | 3.0    | 2.0     | .6      |         |         |         |         |         |      | 10.9  | 7.6                   |
| NE                      | 1.4   | 3.0   | 2.0    | 1.8     | .4      |         |         |         |         |         |      | 8.5   | 7.8                   |
| ENE                     | 1.4   | 1.4   | .8     | .4      | .2      |         |         |         |         |         |      | 4.2   | 6.3                   |
| E                       | 2.6   | 1.2   | .6     | .6      | .4      |         |         |         |         |         |      | 5.4   | 6.0                   |
| ESE                     | 1.6   | .2    |        |         |         |         |         |         |         |         |      | 1.8   | 2.8                   |
| SE                      | .4    | .2    | .4     |         |         |         |         |         |         |         |      | 1.0   | 5.4                   |
| SSE                     | 1.6   | 1.8   | .6     |         |         |         |         |         |         |         |      | 4.0   | 4.1                   |
| S                       | 2.4   | 3.0   | 3.0    | .2      | .2      |         |         |         |         |         |      | 10.7  | 5.7                   |
| SSW                     | 1.0   | 2.6   | 1.0    | .2      | .2      |         |         |         |         |         |      | 5.0   | 6.1                   |
| SW                      | .2    | .8    | .8     | 1.0     | .4      |         |         |         |         |         |      | 3.2   | 10.1                  |
| WSW                     |       | .2    | .2     | .4      |         |         |         |         |         |         |      | .8    | 10.5                  |
| W                       |       | .6    | .4     | .2      |         |         |         |         |         |         |      | 1.2   | 7.2                   |
| WNW                     | .2    |       |        |         |         |         |         |         |         |         |      | .2    | 2.0                   |
| NW                      | .8    | .2    | .2     | .4      |         |         |         |         |         |         |      | 1.6   | 6.1                   |
| NNW                     | 1.0   | 1.2   | .2     | .8      | .4      |         |         |         |         |         |      | 3.6   | 7.8                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 23.4  |                       |
|                         | 21.8  | 27.0  | 15.3   | 9.3     | 3.2     |         |         |         |         |         |      | 100.0 | 4.9                   |

TOTAL NUMBER OF OBSERVATIONS 504

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73 JUN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 0900-1100  
CONDITION HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .9    | 1.7   | 1.1    | 1.1     |         |         |         |         |         |         |      | 6.9   | 7.3                   |
| NNE                     | .4    | 2.0   | 1.2    | .6      |         |         |         |         |         |         |      | 4.2   | 6.8                   |
| NE                      | .2    | .9    | .4     | .5      | .4      |         |         |         |         |         |      | 2.4   | 9.0                   |
| ENE                     | .4    | .5    | .9     | .5      | .2      | .1      |         |         |         |         |      | 2.6   | 9.2                   |
| E                       | .5    | 1.1   | .6     | .1      | .2      |         |         |         |         |         |      | 2.6   | 7.0                   |
| ESE                     | .7    | .1    | .5     | .1      | .1      |         |         |         |         |         |      | 1.6   | 6.5                   |
| SE                      | .9    | .9    | .2     | .1      |         |         |         |         |         |         |      | 2.1   | 4.6                   |
| SSE                     | 1.0   | 2.7   | 1.4    | .4      |         | .1      |         |         |         |         |      | 5.6   | 6.2                   |
| S                       | 3.1   | 8.2   | 5.4    | 2.5     | .1      | .1      |         |         |         |         |      | 19.4  | 6.9                   |
| SSW                     | 1.6   | 4.3   | 5.2    | 1.7     | .1      |         |         |         |         |         |      | 13.0  | 7.3                   |
| SW                      | .6    | 2.8   | 2.1    | 2.0     | .4      |         |         |         |         |         |      | 7.9   | 8.5                   |
| WSW                     | 1.0   | 2.4   | 2.4    | 1.2     |         |         |         |         |         |         |      | 6.9   | 7.4                   |
| W                       | 1.0   | 1.6   | 1.0    |         |         |         |         |         |         |         |      | 3.6   | 5.1                   |
| WNW                     |       | .6    | .2     |         |         |         |         |         |         |         |      | .9    | 6.1                   |
| NW                      | .5    | .9    | .4     |         |         |         |         |         |         |         |      | 1.7   | 5.4                   |
| NNW                     | .4    | .9    | .5     | .5      | .1      |         |         |         |         |         |      | 2.4   | 7.8                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 18.3  |                       |
|                         | 13.1  | 31.6  | 23.5   | 11.4    | 1.7     | .4      |         |         |         |         |      | 100.0 | 5.8                   |

TOTAL NUMBER OF OBSERVATIONS 808



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 93061 STATION NAME STALLION SITE NM YEARS 61-73 MONTH JUN  
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
CONDITION \_\_\_\_\_

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .5    | 1.2   | 1.2    | .6      |         |         |         |         |         |         |      | 3.6   | 7.3                   |
| NNE                     | .2    | .5    | .5     | .1      |         |         |         |         |         |         |      | 1.4   | 6.3                   |
| NE                      | .2    | .2    | .6     | .5      |         |         |         |         |         |         |      | 1.5   | 8.9                   |
| ENE                     | .2    | .9    | .7     | .1      |         |         |         |         |         |         |      | 2.0   | 6.5                   |
| E                       | .5    | .6    | 1.0    |         | .1      |         |         |         |         |         |      | 2.2   | 6.8                   |
| ESE                     | .7    | .6    | .5     | .2      | .1      |         |         |         |         |         |      | 2.2   | 6.3                   |
| SE                      | .5    | 1.7   | 1.0    | .2      |         |         |         |         |         |         |      | 3.4   | 6.6                   |
| SSE                     | 1.0   | 2.1   | 1.4    | .6      | .1      |         |         |         |         |         |      | 5.2   | 6.8                   |
| S                       | 1.6   | 7.1   | 7.1    | 3.8     | .7      |         |         |         |         |         |      | 20.4  | 8.0                   |
| SSW                     | .5    | 4.9   | 4.6    | 3.9     | 1.1     |         |         |         |         |         |      | 15.0  | 9.4                   |
| SW                      | .5    | 2.3   | 3.6    | 5.3     | .9      |         |         |         |         |         |      | 12.0  | 10.8                  |
| WSW                     | 1.1   | 2.7   | 3.0    | 1.2     |         | .1      |         |         |         |         |      | 7.5   |                       |
| W                       | 1.5   | 3.8   | 2.2    | .4      |         |         |         |         |         |         |      | 7.9   | 9.8                   |
| WNW                     | .1    | .6    | .2     | .1      |         |         |         |         |         |         |      | 1.1   | 6.7                   |
| NW                      | .1    | 1.0   | .1     | .2      | .2      |         |         |         |         |         |      | 1.7   | 7.9                   |
| NNW                     | .2    | .4    | .7     | .5      | .1      |         |         |         |         |         |      | 2.0   | 8.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 9.7   |                       |
|                         | 9.6   | 30.8  | 28.4   | 18.0    | 3.4     | .1      |         |         |         |         |      | 100.0 | 7.3                   |

TOTAL NUMBER OF OBSERVATIONS 813

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM

STATION NAME

61-73

YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .8    | 1.3   | 1.0    | 1.0     |         |         |         |         |         |         |      | 4.2   | 7.5                   |
| NNE                     | .3    | .8    | .5     |         |         |         |         |         |         |         |      | 1.6   | 5.2                   |
| NE                      |       | .5    | .8     | .3      |         |         |         |         |         |         |      | 1.6   | 8.0                   |
| ENE                     | .3    |       | .3     |         | .3      |         |         |         |         |         |      | .8    | 10.0                  |
| E                       |       | 1.8   | 1.6    | .5      |         | .3      |         |         |         |         |      | 4.2   | 8.7                   |
| ESE                     |       | 1.0   | .3     | .5      |         |         |         |         |         |         |      | 1.8   | 8.4                   |
| SE                      |       | .5    | .3     | .5      |         |         |         |         |         |         |      | 1.3   | 9.4                   |
| SSE                     | .3    | 2.1   | 1.6    | .5      |         |         |         |         |         |         |      | 4.4   | 7.1                   |
| S                       | .8    | 3.4   | 6.3    | 3.7     | 1.6     | .3      |         |         |         |         |      | 15.9  | 10.0                  |
| SSW                     | .5    | 4.2   | 8.6    | 5.5     | .8      | .3      |         |         |         |         |      | 19.8  | 9.7                   |
| SW                      | .3    | 1.3   | 2.9    | 6.3     | 1.8     | .8      |         |         |         |         |      | 14.4  | 12.6                  |
| WSW                     | .8    | 2.9   | 2.9    | 2.6     | .5      |         |         |         |         |         |      | 9.7   | 9.2                   |
| W                       | .5    | 3.1   | 1.6    | 1.3     |         |         |         |         |         |         |      | 6.3   | 7.5                   |
| WNW                     | .5    | .8    | .3     |         |         |         |         |         |         |         |      | 1.6   | 4.5                   |
| NW                      |       | .3    | .3     | .5      |         |         | .3      |         |         |         |      | 1.3   | 14.2                  |
| NNW                     |       | .8    | 1.0    | .3      |         |         |         |         |         |         |      | 2.1   | 8.3                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 8.9   |                       |
|                         | 5.0   | 24.8  | 31.1   | 22.5    | 5.0     | 1.6     | .3      |         |         |         |      | 100.0 | 8.7                   |

TOTAL NUMBER OF OBSERVATIONS

343

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 93061 STATION NAME STALLION SITE NM YEARS 63-67, 69-70 MONTH JUN  
CLASS ALL WEATHER MONTHS 1800-2000  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 1.9   | 3.8    |         |         |         |         |         |         |         |      | 5.7   | 8.0                   |
| NNE                     |       | 1.9   |        |         |         |         |         |         |         |         |      | 1.9   | 6.0                   |
| NE                      |       |       |        | 1.9     |         |         |         |         |         |         |      | 1.9   | 12.0                  |
| ENE                     |       |       |        |         | 1.9     |         |         |         |         |         |      | 1.9   | 18.0                  |
| E                       |       | 1.9   | 1.9    | 1.9     |         |         |         |         |         |         |      | 5.7   | 8.7                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        | 1.9     |         |         |         |         |         |         |      | 1.9   | 12.0                  |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       | 1.9   | 3.8   | 7.5    | 5.7     |         |         |         |         |         |         |      | 15.9  | 8.1                   |
| SSW                     |       | 9.4   | 7.5    | 5.7     |         |         |         |         |         |         |      | 22.6  | 8.3                   |
| SW                      |       |       | 5.7    | 7.5     |         |         |         |         |         |         |      | 13.2  | 12.6                  |
| WSW                     |       | 1.9   | 13.2   | 1.9     |         |         |         |         |         |         |      | 17.0  | 9.2                   |
| W                       |       |       | 3.8    | 2.8     |         |         |         |         |         |         |      | 7.5   | 10.8                  |
| WNW                     | 1.9   |       |        |         |         |         |         |         |         |         |      | 1.9   | 2.0                   |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
|                         | 3.8   | 20.8  | 43.4   | 30.2    | 1.9     |         |         |         |         |         |      | 100.0 | 9.3                   |

TOTAL NUMBER OF OBSERVATIONS 53

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM

STATION NAME

63,65-67,69

YEARS

JUN

MONTHS

ALL WEATHER

CLASS

2100-2300

HOURLS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 3.0   |        |         |         |         |         |         |         |         |      | 3.0   | 4.0                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       | 6.1   | 3.0    |         |         |         |         |         |         |         |      | 9.1   | 6.0                   |
| E                       |       | 3.0   | 6.1    |         |         |         |         |         |         |         |      | 9.1   | 6.3                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     | 3.0   |       |        |         |         |         |         |         |         |         |      | 3.0   | 3.0                   |
| S                       | 9.1   | 6.1   | 6.1    |         |         |         |         |         |         |         |      | 21.2  | 4.7                   |
| SSW                     |       | 3.0   |        |         |         |         |         |         |         |         |      | 3.0   | 5.0                   |
| SW                      | 6.1   | 3.0   |        |         |         |         |         |         |         |         |      | 9.1   | 2.7                   |
| WSW                     | 3.0   | 6.1   | 3.0    |         |         |         |         |         |         |         |      | 12.1  | 3.0                   |
| W                       | 3.0   | 3.0   | 12.1   |         |         |         |         |         |         |         |      | 18.2  | 6.7                   |
| WWW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       | 3.0   | 3.0    |         |         |         |         |         |         |         |      | 6.1   | 6.3                   |
| VARB                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 6.1   |                       |
|                         | 24.2  | 26.4  | 33.2   |         |         |         |         |         |         |         |      | 100.0 | 4.9                   |

TOTAL NUMBER OF OBSERVATIONS

33

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 93061 STATION NAME STALLION SITE NM YEAR 64-67,69 MONTH JUL  
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 5.9   | 11.8  |        |         |         |         |         |         |         |         |      | 17.6  | 4.0                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       | 5.9    |         |         |         |         |         |         |         |      | 5.9   | 8.0                   |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      | 11.8  |       |        |         |         |         |         |         |         |         |      | 11.8  | 2.5                   |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       | 5.9   |       |        |         |         |         |         |         |         |         |      | 5.9   | 1.0                   |
| WNW                     |       | 5.9   |        |         |         |         |         |         |         |         |      | 5.9   | 6.0                   |
| NW                      | 5.9   |       |        |         |         |         |         |         |         |         |      | 5.9   | 3.0                   |
| NNW                     | 5.9   | 17.6  |        |         |         |         |         |         |         |         |      | 23.5  | 6.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 23.5  |                       |
|                         | 25.8  | 25.8  | 5.9    |         |         |         |         |         |         |         |      | 100.0 | 3.1                   |

TOTAL NUMBER OF OBSERVATIONS 17

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM  
STATION NAME

63-68  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0306-0500  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 9.7   | 3.2   |        |         |         |         |         |         |         |         |      | 12.9  | 2.5                   |
| NNE                     | 3.2   | 3.2   | 3.2    |         |         |         |         |         |         |         |      | 9.7   | 6.0                   |
| NE                      |       |       | 9.7    | 3.2     |         |         |         |         |         |         |      | 12.9  | 9.0                   |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       | 3.2   |       |        |         |         |         |         |         |         |         |      | 3.2   | 2.0                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       | 3.2   |       |        |         |         |         |         |         |         |         |      | 3.2   | 2.0                   |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     | 3.2   | 3.2   |        |         |         |         |         |         |         |         |      | 6.5   | 3.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 51.6  |                       |
|                         | 22.6  | 9.7   | 12.9   | 3.2     |         |         |         |         |         |         |      | 100.0 | 2.4                   |

TOTAL NUMBER OF OBSERVATIONS 31

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73 JUL  
STATION STATION NAME YEAR MONTH  
ALL WEATHER CLASS 0600-0800  
CONDITION HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 5.1   | 6.3   | 1.8    | .2      |         |         |         |         |         |         |      | 13.4  | 4.4                   |
| NNE                     | 2.4   | 2.9   | 2.4    | 1.2     | .2      |         |         |         |         |         |      | 10.0  | 6.3                   |
| NE                      | 1.6   | 3.5   | 2.1    | 1.8     | .6      |         |         |         |         |         |      | 10.6  | 7.4                   |
| ENE                     | 1.2   | 2.2   | 2.0    | .4      | .2      |         |         |         |         |         |      | 5.9   | 6.6                   |
| E                       | 1.6   | 1.6   | 1.0    | .4      | .2      |         |         |         |         |         |      | 4.7   | 5.7                   |
| ESE                     | 1.2   | .8    | .2     |         |         |         |         |         |         |         |      | 2.2   | 3.2                   |
| SE                      | .4    | 2.2   | .2     |         |         |         |         |         |         |         |      | 2.2   | 4.6                   |
| SSE                     | .8    | 1.8   | .6     |         |         |         |         |         |         |         |      | 3.1   | 4.9                   |
| S                       | 2.9   | 2.9   | 2.2    | .2      |         |         |         |         |         |         |      | 9.2   | 5.2                   |
| SSW                     | 1.6   | 1.4   | .4     |         |         |         |         |         |         |         |      | 3.3   | 4.2                   |
| SW                      | .4    | .8    | .2     |         |         |         |         |         |         |         |      | 1.4   | 4.7                   |
| WSW                     | .2    | .2    | .4     |         |         |         |         |         |         |         |      | .8    | 6.3                   |
| W                       |       | .2    | .2     |         |         |         |         |         |         |         |      | .4    | 6.5                   |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      | .2    | .4    | .2     |         |         |         |         |         |         |         |      | .8    | 5.8                   |
| NNW                     | 1.4   | 2.0   | 1.4    | .2      |         |         |         |         |         |         |      | 4.9   | 5.1                   |
| VARB                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 26.9  |                       |
|                         | 20.8  | 31.0  | 16.1   | 4.3     | 1.2     |         |         |         |         |         |      | 100.0 | 4.1                   |

TOTAL NUMBER OF OBSERVATIONS 309

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.7   | 3.2   | 1.5    | .2      |         |         |         |         |         |         |      | 6.7   | 5.4                   |
| NNE                     | .4    | 1.1   | 1.0    | .7      | .1      |         |         |         |         |         |      | 3.4   | 7.9                   |
| NE                      | .4    | 1.5   | 1.4    | .9      |         |         |         |         |         |         |      | 4.1   | 7.4                   |
| ENE                     | 1.2   | 1.4   | .6     | .2      | .1      |         |         |         |         |         |      | 3.6   | 5.8                   |
| E                       | 1.1   | 2.0   | 1.0    | .7      | .1      |         |         |         |         |         |      | 5.0   | 6.6                   |
| ESE                     | .7    | .6    | .6     | .1      |         |         |         |         |         |         |      | 2.1   | 5.5                   |
| SE                      | 1.0   | 1.1   | .6     |         |         |         |         |         |         |         |      | 2.7   | 5.2                   |
| SSE                     | 1.4   | 3.1   | .9     | .2      |         |         |         |         |         |         |      | 3.6   | 5.2                   |
| S                       | 3.0   | 6.7   | 3.4    | .7      |         |         |         |         |         |         |      | 14.4  | 5.3                   |
| SSW                     | 2.7   | 4.2   | 3.0    | .1      |         |         |         |         |         |         |      | 10.1  | 5.3                   |
| SW                      | 1.1   | 2.1   | 2.0    | .1      |         |         |         |         |         |         |      | 9.4   | 5.7                   |
| WSW                     | 1.6   | 2.4   | .4     | .1      |         |         |         |         |         |         |      | 6.5   | 4.5                   |
| W                       | .9    | 2.0   | .2     |         |         |         |         |         |         |         |      | 3.1   | 4.2                   |
| WNW                     | .2    | 1.0   | .6     |         |         |         |         |         |         |         |      | 1.9   | 5.9                   |
| NW                      | .5    | .5    | .7     | .1      |         |         |         |         |         |         |      | 1.9   | 6.5                   |
| NNW                     | .6    | 1.4   | .6     |         |         |         |         |         |         |         |      | 2.6   | 4.7                   |
| VARS                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 22.9  |                       |
|                         | 19.3  | 34.4  | 18.6   | 4.3     | .4      |         |         |         |         |         |      | 100.0 | 4.3                   |

TOTAL NUMBER OF OBSERVATIONS 803



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 61-73 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLAS  
1200-1400  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.4   | 1.6   | 1.3    | .5      |         |         |         |         |         |         |      | 4.8   | 6.1                   |
| NNE                     | 1.0   | .9    | .8     | .5      |         |         |         |         |         |         |      | 3.1   | 6.3                   |
| NE                      | .3    | 1.2   | .6     |         |         |         |         |         |         |         |      | 2.1   | 6.0                   |
| ENE                     | .8    | 1.0   | .6     | .5      |         | .1      |         |         |         |         |      | 3.0   | 7.5                   |
| E                       | .8    | 1.6   | 1.3    | .4      | .3      |         |         |         |         |         |      | 4.3   | 7.0                   |
| ESE                     | .1    | 2.2   | 1.4    | .4      |         |         |         |         |         |         |      | 4.1   | 6.8                   |
| SE                      | 1.0   | 1.4   | 1.1    | .9      |         |         |         |         |         |         |      | 4.4   | 6.8                   |
| SSE                     | 1.0   | 2.4   | 2.2    | .1      | .1      | .1      | .1      |         |         |         |      | 7.1   | 6.8                   |
| S                       | 2.3   | 7.2   | 5.1    | 1.0     |         |         |         |         |         |         |      | 16.6  | 6.1                   |
| SSW                     | 2.1   | 4.4   | 3.4    | .5      |         |         |         |         |         |         |      | 10.4  | 6.0                   |
| SW                      | 1.0   | 2.8   | 2.0    | .5      |         |         |         |         |         |         |      | 7.3   | 6.0                   |
| WSW                     | 1.4   | 3.1   | 1.5    | .4      |         |         |         |         |         |         |      | 6.4   | 5.7                   |
| W                       | 2.2   | 2.9   | .6     | .3      |         |         |         |         |         |         |      | 6.3   | 4.8                   |
| WNW                     | .8    | 1.4   | .5     |         |         |         |         |         |         |         |      | 2.6   | 4.7                   |
| NW                      | .4    | .6    | .2     |         |         |         |         |         |         |         |      | 1.3   | 4.5                   |
| NNW                     | .8    | 1.0   | .4     | .1      |         |         |         |         |         |         |      | 2.3   | 5.1                   |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 14.0  |                       |
|                         | 18.4  | 37.8  | 22.0   | 6.0     | .4      | .2      | .1      |         |         |         |      | 100.0 | 5.2                   |

TOTAL NUMBER OF OBSERVATIONS 799

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

92061 STALLION SITE NM 61-73 JUL  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
1500-1700  
HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .3    | 1.1   | .3     | .3      | .3      |         |         |         |         |         |      | 2.1   | 8.4                   |
| NNE                     |       |       | .3     | .3      |         |         |         |         |         |         |      | .5    | 10.0                  |
| NE                      |       |       | 1.3    | .5      |         |         |         |         |         |         |      | 1.5   | 9.6                   |
| ENE                     |       | .5    | 1.3    |         |         |         |         |         |         |         |      | 1.8   | 7.6                   |
| E                       | .3    | 1.3   | 1.1    | .5      | .3      |         |         |         |         |         |      | 3.4   | 8.3                   |
| ESE                     | .8    | .8    | 1.3    | 1.3     | .3      |         |         |         |         |         |      | 4.5   | 9.4                   |
| SE                      | .3    | 2.4   | 1.1    | 1.3     | .5      |         |         |         |         |         |      | 5.5   | 9.2                   |
| SSE                     | .8    | 3.7   | 4.2    | 1.8     | .3      |         |         |         |         |         |      | 10.8  | 7.8                   |
| S                       | 2.6   | 7.1   | 5.8    | 1.8     | 1.3     |         |         |         |         |         |      | 18.7  | 7.4                   |
| SSW                     | .8    | 3.7   | 4.2    | .8      |         |         |         |         |         |         |      | 9.5   | 6.9                   |
| SW                      | .5    | 4.5   | 2.6    | .3      |         |         |         |         |         |         |      | 7.9   | 6.4                   |
| WSW                     | 2.4   | 3.7   | 2.1    | .8      | .3      |         |         |         |         |         |      | 9.2   | 6.3                   |
| W                       | 1.1   | 4.0   | 2.6    | .5      | .5      | .3      |         |         |         |         |      | 9.0   | 7.5                   |
| WNW                     | .5    | 1.1   | .5     | .3      |         | .3      |         |         |         |         |      | 2.6   | 7.7                   |
| NW                      |       | .5    |        | .3      |         |         |         |         |         |         |      | .8    | 8.3                   |
| NNW                     | .3    | 1.0   | .3     | .3      | .3      |         |         |         |         |         |      | 2.6   | 7.4                   |
| VARB.                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 9.0   |                       |
|                         | 10.6  | 35.9  | 29.0   | 11.1    | 4.0     | .5      |         |         |         |         |      | 100.0 | 6.9                   |

TOTAL NUMBER OF OBSERVATIONS 179

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 63-65,67-69,73  
STATION NAME YEARS MONTH  
ALL WEATHER CLASS 1600-2000 HOURS (L.S.T.)  
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N                 |       | 2.6   | 2.6    |         | 5.3     |         |         |         |         |         |      | 10.9  | 13.0            |
| NNE               |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| NE                |       |       | 2.6    |         |         |         |         |         |         |         |      | 2.6   | 8.0             |
| NNE               |       |       |        |         | 2.6     |         |         |         |         |         |      | 2.6   | 18.0            |
| E                 |       |       |        | 2.6     | 2.6     |         |         |         |         |         |      | 5.3   | 14.5            |
| ESE               |       | 5.3   |        |         |         |         |         |         |         |         |      | 5.3   | 6.0             |
| SE                |       | 2.6   |        |         |         |         |         |         |         |         |      | 2.6   | 6.0             |
| SSE               | 2.6   |       |        |         |         |         |         |         |         |         |      | 2.6   | 2.0             |
| S                 | 5.3   | 5.3   | 7.9    | 2.6     |         |         |         |         |         |         |      | 21.1  | 6.4             |
| SSW               |       | 18.2  | 2.6    |         |         |         |         |         |         |         |      | 15.8  | 5.2             |
| SW                |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| WSW               | 5.3   | 2.6   |        |         |         |         |         |         |         |         |      | 7.9   | 3.0             |
| W                 | 2.6   | 5.3   | 2.6    |         |         |         |         |         |         |         |      | 10.9  | 4.8             |
| WNW               |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| NW                |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| NNW               |       | 2.6   | 2.6    |         |         |         |         |         |         |         |      | 5.3   | 7.0             |
| VARBL             |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| CALM              |       |       |        |         |         |         |         |         |         |         |      | 7.9   |                 |
|                   | 15.8  | 29.5  | 21.1   | 5.3     | 10.9    |         |         |         |         |         |      | 100.0 | 6.6             |

TOTAL NUMBER OF OBSERVATIONS 38

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 63-65,67-69,73 JUL  
STATION STATION NAME YEAR MONTH  
ALL WEATHER CLASS 2100-2300  
CONDITION HOURS (L.S.T.)

| SPEED<br>(KMTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 3.3   |       |        |         |         |         |         |         |         |         |      | 3.3   | 2.0                   |
| NNE                     | 3.3   | 3.3   |        |         |         |         |         |         |         |         |      | 6.7   | 3.0                   |
| NE                      |       | 3.3   | 3.3    |         |         |         |         |         |         |         |      | 6.7   | 6.5                   |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       | 3.3   | 3.3    |         |         |         |         |         |         |         |      | 6.7   | 5.5                   |
| ESE                     |       | 3.3   |        |         |         |         |         |         |         |         |      | 3.3   | 4.0                   |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       | 6.7    |         |         |         |         |         |         |         |      | 6.7   | 8.0                   |
| SSW                     | 3.3   |       |        |         |         |         |         |         |         |         |      | 3.3   | 3.0                   |
| SW                      | 3.3   |       |        |         |         |         |         |         |         |         |      | 3.3   | 3.0                   |
| WSW                     | 6.7   |       |        |         |         |         |         |         |         |         |      | 6.7   | 3.0                   |
| W                       | 6.7   |       |        |         |         |         |         |         |         |         |      | 6.7   | 2.0                   |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       | 3.3   | 10.0   |         |         |         |         |         |         |         |      | 13.3  | 8.0                   |
| NNW                     | 3.3   | 3.3   |        |         |         |         |         |         |         |         |      | 6.7   | 3.0                   |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 26.7  |                       |
|                         | 30.0  | 20.0  | 23.3   |         |         |         |         |         |         |         |      | 100.0 | 3.5                   |

TOTAL NUMBER OF OBSERVATIONS 30

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 63,65-67,73 AVG  
STATION MONTH  
ALL WEATHER CLASS 0000-0200  
MOON (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 19.8  | 5.3   | 5.3    |         |         |         |         |         |         |         |      | 26.3  | 3.4                   |
| NNE                     | 5.3   |       |        |         |         |         |         |         |         |         |      | 5.3   | 2.0                   |
| NE                      |       |       |        | 5.3     |         |         |         |         |         |         |      | 5.3   | 12.0                  |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      | 5.3   |       |        |         |         |         |         |         |         |         |      | 5.3   | 2.0                   |
| SSE                     |       | 5.3   |        |         |         |         |         |         |         |         |      | 5.3   | 6.0                   |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       | 5.3   |        |         |         |         |         |         |         |         |      | 5.3   | 4.0                   |
| WSW                     | 5.3   |       |        |         |         |         |         |         |         |         |      | 5.3   | 2.0                   |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       | 5.3   |        |         |         |         |         |         |         |         |      | 5.3   | 4.0                   |
| NW                      | 5.3   | 5.3   |        |         |         |         |         |         |         |         |      | 10.5  | 3.5                   |
| NNW                     | 5.3   | 10.5  |        |         |         |         |         |         |         |         |      | 15.8  | 4.3                   |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 10.5  |                       |
|                         | 42.1  | 36.8  | 5.3    | 5.3     |         |         |         |         |         |         |      | 100.0 | 3.7                   |

TOTAL NUMBER OF OBSERVATIONS 19

3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93001 STALLION SITE NM 61,63-66,73 ALG  
STATION STATION NAME YEARS MONTHS  
ALL WEATHER CLASS  
COBITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.4   | 9.5   |        |         |         |         |         |         |         |         |      | 11.9  | 3.6                   |
| NNE                     | 4.8   | 2.4   |        |         |         |         |         |         |         |         |      | 7.1   | 3.7                   |
| NE                      |       | 2.4   | 4.8    | 4.8     |         |         |         |         |         |         |      | 11.9  | 9.8                   |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       | 2.4   | 2.4   |        |         |         |         |         |         |         |         |      | 4.8   | 3.5                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       | 2.4    |         |         |         |         |         |         |         |      | 2.4   | 10.0                  |
| SSW                     | 4.8   | 2.4   |        |         |         |         |         |         |         |         |      | 7.1   | 3.0                   |
| SW                      | 2.4   |       |        |         |         |         |         |         |         |         |      | 2.4   | 2.0                   |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       | 2.4   |        |         |         |         |         |         |         |         |      | 2.4   | 9.0                   |
| WNW                     |       |       | 2.4    |         |         |         |         |         |         |         |      | 2.4   | 7.0                   |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     | 2.4   | 7.1   | 2.4    |         |         |         |         |         |         |         |      | 11.9  | 5.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 35.7  |                       |
|                         | 19.0  | 28.6  | 11.9   | 4.8     |         |         |         |         |         |         |      | 100.0 | 3.4                   |

TOTAL NUMBER OF OBSERVATIONS 42

AD-A082 412

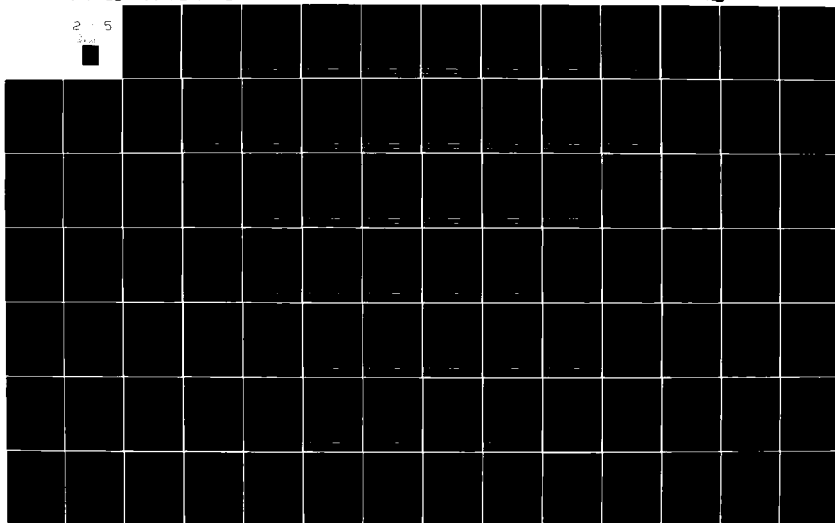
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/8 9/2  
STALLION SITE, SAN MARCIAL, NEW MEXICO. REVISED UNIFORM SUMMARY--ETC(U)  
FEB 75

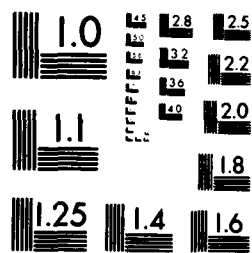
UNCLASSIFIED

USAFETAC/DS-60/620

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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 61-73 AUG  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0600-0800  
MOON (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 6.3   | 14.2  | 4.0    | .7      |         |         |         |         |         |         |      | 25.2  | 4.9                   |
| NNE                     | 4.5   | 5.0   | 2.0    | 1.3     | .7      |         |         |         |         |         |      | 13.5  | 6.1                   |
| NE                      | 1.6   | 3.4   | 1.3    | .5      |         |         |         |         |         |         |      | 6.9   | 5.5                   |
| ENE                     | 2.0   | 2.0   | 1.6    | .5      |         |         |         |         |         |         |      | 6.1   | 5.7                   |
| E                       | 1.1   | 1.1   | .2     | .2      |         |         |         |         |         |         |      | 2.5   | 4.4                   |
| ESE                     | 1.1   | .4    | .2     | .2      |         |         |         |         |         |         |      | 1.9   | 4.2                   |
| SE                      | .5    | .7    | .2     |         |         |         |         |         |         |         |      | 1.4   | 4.1                   |
| SSE                     | .7    | .7    | .2     |         |         |         |         |         |         |         |      | 1.6   | 3.8                   |
| S                       | 1.4   | 4.0   | .7     |         |         |         |         |         |         |         |      | 6.1   | 4.6                   |
| SSW                     | .7    | 2.0   | .4     |         |         |         |         |         |         |         |      | 3.1   | 4.7                   |
| SW                      | .4    | .4    |        |         |         |         |         |         |         |         |      | .7    | 3.0                   |
| WSW                     | .5    |       | .2     |         |         |         |         |         |         |         |      | .7    | 3.6                   |
| W                       | .5    | .2    |        |         |         |         |         |         |         |         |      | .7    | 2.3                   |
| WNW                     |       | .4    |        |         |         |         |         |         |         |         |      | .4    | 4.5                   |
| NW                      | .2    |       | .2     |         |         |         |         |         |         |         |      | .4    | 5.0                   |
| NNW                     | 2.2   | 2.0   | .5     | .2      |         |         |         |         |         |         |      | 4.9   | 4.5                   |
| VARB.                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 24.0  |                       |
|                         | 23.8  | 36.4  | 11.5   | 3.6     | .7      |         |         |         |         |         |      | 100.0 | 3.8                   |

TOTAL NUMBER OF OBSERVATIONS 395

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73 AUG  
STATION STATION NAME YEARS MONTHS  
ALL WEATHER  
CLASS  
0900-1100  
HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.3   | 3.3   | 2.1    | .2      |         |         |         |         |         |         |      | 6.9   | 5.8                   |
| NNE                     | .8    | 1.8   | 1.2    | .5      | .1      |         |         |         |         |         |      | 4.3   | 6.5                   |
| NE                      | 1.3   | 1.1   | .8     | .8      | .1      |         |         |         |         |         |      | 4.1   | 6.6                   |
| ENE                     | .9    | 1.9   | 1.3    | .5      |         |         |         |         |         |         |      | 4.6   | 5.8                   |
| E                       | 1.2   | 1.9   | .7     | .7      |         |         |         |         |         |         |      | 4.4   | 5.8                   |
| ESE                     | .6    | 1.1   |        |         |         |         |         |         |         |         |      | 1.6   | 4.0                   |
| SE                      | .2    | .5    | .5     |         |         |         |         |         |         |         |      | 1.2   | 5.7                   |
| SSE                     | 1.6   | 2.7   | 1.3    | .4      |         |         |         |         |         |         |      | 6.0   | 5.3                   |
| S                       | 3.6   | 8.3   | 2.9    | .2      |         |         |         |         |         |         |      | 15.1  | 5.0                   |
| SSW                     | 2.0   | 3.9   | 2.0    | .1      |         |         |         |         |         |         |      | 7.9   | 5.3                   |
| SW                      | .7    | 2.2   | .7     | .1      |         |         |         |         |         |         |      | 3.7   | 5.3                   |
| WSW                     | 1.4   | 1.3   | .4     | .1      |         |         |         |         |         |         |      | 3.2   | 4.4                   |
| W                       | 1.2   | 1.5   | .4     |         |         |         |         |         |         |         |      | 3.0   | 4.2                   |
| WNW                     | .1    | .2    | .2     | .1      |         |         |         |         |         |         |      | .7    | 6.2                   |
| NW                      | .2    | .8    | .4     | .1      |         |         |         |         |         |         |      | 1.5   | 6.2                   |
| NNW                     | .2    | 2.2   | 1.1    | .4      |         |         |         |         |         |         |      | 3.9   | 6.4                   |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 28.0  |                       |
|                         | 17.4  | 34.4  | 15.8   | 4.2     | .2      |         |         |         |         |         |      | 100.0 | 3.9                   |

TOTAL NUMBER OF OBSERVATIONS 857

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

92061  
STATION

STALLION SITE NM  
STATION NAME

61-73  
YEAR

AUG  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .6    | 2.2   | 1.1    | .1      |         |         |         |         |         |         |      | 4.0   | 6.1                   |
| NNE                     | .2    | .8    | .9     | .1      |         |         |         |         |         |         |      | 1.5   | 6.1                   |
| NE                      | .5    | .5    | .7     | .1      |         |         |         |         |         |         |      | 1.8   | 6.4                   |
| ENE                     | .6    | 1.2   | 1.2    | .1      |         |         |         |         |         |         |      | 3.1   | 6.3                   |
| E                       | 1.2   | 2.5   | 1.5    | .4      | .4      | .1      |         |         |         |         |      | 6.0   | 6.9                   |
| ESE                     | .9    | 2.0   | 1.3    | .4      |         |         |         |         |         |         |      | 4.6   | 5.9                   |
| SE                      | .8    | .9    | 1.2    | .1      | .2      |         |         |         |         |         |      | 3.3   | 6.8                   |
| SSE                     | 1.2   | 3.0   | 2.1    | .2      |         |         |         |         |         |         |      | 6.5   | 5.9                   |
| S                       | 2.5   | 5.4   | 3.1    | .6      | .1      |         |         |         |         |         |      | 13.7  | 6.3                   |
| SSW                     | 1.2   | 4.6   | 4.1    | .5      |         |         |         |         |         |         |      | 10.4  | 6.4                   |
| SW                      | .5    | 2.5   | 1.7    | .1      |         |         |         |         |         |         |      | 4.7   | 6.0                   |
| WSW                     | 1.3   | 3.1   | 1.7    | .2      |         |         |         |         |         |         |      | 6.3   | 5.6                   |
| W                       | .9    | 4.4   | 1.2    | .2      |         |         |         |         |         |         |      | 6.7   | 5.2                   |
| WNW                     | .8    | 1.3   | .2     |         |         |         |         |         |         |         |      | 2.4   | 4.5                   |
| NW                      | .4    | .9    | .2     | .5      |         |         |         |         |         |         |      | 1.7   | 7.3                   |
| NNW                     | .4    | 1.4   | .9     | .1      |         |         |         |         |         |         |      | 2.8   | 6.3                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 20.1  |                       |
|                         | 14.0  | 36.4  | 24.9   | 3.8     | .7      | .1      |         |         |         |         |      | 100.0 | 4.9                   |

TOTAL NUMBER OF OBSERVATIONS

843

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

92061 STALLION SITE NM 61-73 AUG  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 1500-1700  
HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .3    | 1.8   | 1.0    | .5      |         | .3      |         |         |         |         |      | 3.8   | 7.9                   |
| NNE                     |       | .5    | .5     | .5      |         |         |         |         |         |         |      | 1.5   | 9.0                   |
| NE                      |       | 1.5   | 1.5    |         |         |         |         |         |         |         |      | 3.0   | 7.2                   |
| ENE                     | .3    | .8    | .5     | 1.3     |         |         |         |         |         |         |      | 2.8   | 9.2                   |
| E                       | 1.0   | 2.0   | 2.0    | 1.5     | .3      |         |         |         |         |         |      | 7.0   | 8.5                   |
| ESE                     | 1.0   | 1.3   | 1.0    | 1.0     | .3      |         |         |         |         |         |      | 4.5   | 8.2                   |
| SE                      | .8    | 1.3   | 1.5    | .5      |         |         |         |         |         |         |      | 4.0   | 6.9                   |
| SSE                     | .5    | 4.0   | 2.8    | .8      | .3      |         |         |         |         |         |      | 8.3   | 7.0                   |
| S                       | 1.8   | 6.8   | 4.0    | 1.0     | .3      |         |         |         |         |         |      | 14.0  | 6.9                   |
| SSW                     | 1.3   | 3.3   | 4.2    | 1.5     |         |         |         |         |         |         |      | 10.3  | 7.1                   |
| SW                      | .5    | 1.8   | 1.3    | 1.3     |         |         |         |         |         |         |      | 4.8   | 7.3                   |
| WSW                     | .3    | 1.3   | 1.3    | .3      |         |         |         |         |         |         |      | 3.0   | 6.8                   |
| W                       | .5    | 3.0   | 2.8    |         |         |         |         |         |         |         |      | 6.3   | 6.2                   |
| WNW                     | .5    | 1.8   | .3     |         | .3      |         |         |         |         |         |      | 3.0   | 6.3                   |
| NW                      | .5    | .8    | .5     | .5      |         |         |         |         |         |         |      | 2.3   | 7.3                   |
| NNW                     | .3    | 1.3   | 1.3    | .3      |         |         |         |         |         |         |      | 3.3   | 7.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 16.5  |                       |
|                         | 9.2   | 24.8  | 26.8   | 11.0    | 1.8     | .3      |         |         |         |         |      | 100.0 | 6.1                   |

TOTAL NUMBER OF OBSERVATIONS 400

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

92061 STALLION SITE NM 63-67,69,73 AUG  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1890-2000  
SOURCE (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       |       |        |         | 1.9     |         |         |         |         |         |      | 1.9   | 20.0                  |
| NNE                     |       | 1.9   |        |         | 3.7     |         |         |         |         |         |      | 5.6   | 15.0                  |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       | 1.9   | 1.9    | 1.9     |         |         |         |         |         |         |      | 5.6   | 9.7                   |
| E                       | 5.6   | 1.9   | 7.4    | 1.9     | 1.9     |         |         |         |         |         |      | 18.5  | 7.8                   |
| ESE                     | 1.9   | 2.7   |        |         |         |         |         |         |         |         |      | 5.6   | 4.0                   |
| SE                      |       | 1.9   |        |         |         |         |         |         |         |         |      | 1.9   | 4.0                   |
| SSE                     |       |       | 1.9    |         |         |         |         |         |         |         |      | 1.9   | 10.0                  |
| S                       | 1.9   | 2.7   | 7.4    |         |         |         |         |         |         |         |      | 13.0  | 6.4                   |
| SSW                     | 1.9   |       |        | 2.7     |         |         |         |         |         |         |      | 5.6   | 8.0                   |
| SW                      | 1.9   | 1.9   |        |         |         |         |         |         |         |         |      | 3.7   | 3.5                   |
| WSW                     |       | 2.7   |        |         |         |         |         |         |         |         |      | 3.7   | 4.5                   |
| W                       |       | 2.7   | 1.9    |         |         |         |         |         |         |         |      | 5.6   | 5.0                   |
| WNW                     |       | 2.7   |        |         | 1.9     |         |         |         |         |         |      | 5.6   | 9.7                   |
| NW                      | 1.9   | 1.9   |        |         |         |         |         |         |         |         |      | 3.7   | 4.5                   |
| NNW                     | 1.9   |       |        | 1.9     |         |         |         |         |         |         |      | 3.7   | 8.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 14.8  |                       |
|                         | 18.7  | 29.6  | 20.4   | 9.3     | 9.3     |         |         |         |         |         |      | 100.0 | 6.5                   |

TOTAL NUMBER OF OBSERVATIONS 54

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM  
STATION NAME

63,65-67,69,73  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.6   | 10.3  | 2.6    | 5.1     |         |         |         |         |         |         |      | 20.5  | 7.6                   |
| NNE                     | 5.1   |       | 2.6    |         |         |         |         |         |         |         |      | 7.7   | 5.0                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNE                     | 5.1   | 2.6   |        |         |         |         |         |         |         |         |      | 7.7   | 5.0                   |
| E                       |       | 2.6   |        |         |         |         |         |         |         |         |      | 2.6   | 4.0                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     | 2.6   |       | 2.6    |         |         |         |         |         |         |         |      | 5.1   | 5.0                   |
| S                       | 7.7   | 5.1   |        |         |         |         |         |         |         |         |      | 12.8  | 5.6                   |
| SSW                     |       | 2.6   |        |         |         |         |         |         |         |         |      | 2.6   | 5.0                   |
| SW                      | 2.6   |       |        |         |         |         |         |         |         |         |      | 2.6   | 5.0                   |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     | 2.6   |       |        |         |         |         |         |         |         |         |      | 2.6   | 5.0                   |
| NW                      | 2.6   |       |        |         |         |         |         |         |         |         |      | 2.6   | 5.0                   |
| NNW                     |       | 2.6   |        | 2.6     |         |         |         |         |         |         |      | 5.1   | 5.0                   |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 28.2  |                       |
|                         | 30.8  | 25.6  | 7.7    | 7.7     |         |         |         |         |         |         |      | 100.0 | 5.8                   |

TOTAL NUMBER OF OBSERVATIONS 19

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STATION STALLION SITE NM 63,65-67,73 5EP  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 0000-0200  
CONDITION 0000 (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 31.3  |        |         |         |         |         |         |         |         |      | 31.3  | 4.6                   |
| NNE                     |       |       | 6.3    | 6.3     |         |         |         |         |         |         |      | 12.5  | 11.0                  |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       | 6.3   |        |         |         |         |         |         |         |         |      | 6.3   | 6.0                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       | 12.5  |        |         |         |         |         |         |         |         |      | 12.5  | 5.0                   |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       | 6.3    |         |         |         |         |         |         |         |      | 6.3   | 7.0                   |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       | 6.3   |        |         |         |         |         |         |         |         |      | 6.3   | 5.0                   |
| VARB.                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 29.0  |                       |
|                         |       | 56.3  | 12.5   | 6.3     |         |         |         |         |         |         |      | 100.0 | 4.6                   |

TOTAL NUMBER OF OBSERVATIONS 16

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 65-67,73 SEP  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0100-0500  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.9   | 20.6  | 2.9    | 5.9     |         |         |         |         |         |         |      | 32.4  | 6.0                   |
| NNE                     |       |       |        | 2.9     |         |         |         |         |         |         |      | 2.9   | 12.0                  |
| NE                      |       |       | 5.9    | 2.9     |         |         |         |         |         |         |      | 8.8   | 9.3                   |
| ENE                     |       |       |        | 2.9     |         |         |         |         |         |         |      | 2.9   | 16.0                  |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       | 2.9   |        |         |         |         |         |         |         |         |      | 2.9   | 4.0                   |
| SSW                     |       |       | 2.9    |         |         |         |         |         |         |         |      | 2.9   | 7.0                   |
| SW                      |       |       | 2.9    |         |         |         |         |         |         |         |      | 2.9   | 8.0                   |
| WSW                     |       | 2.9   | 2.9    |         |         |         |         |         |         |         |      | 5.9   | 7.5                   |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     | 2.9   |       |        |         |         |         |         |         |         |         |      | 2.9   | 3.0                   |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     | 5.9   | 2.9   |        |         |         |         |         |         |         |         |      | 8.8   | 3.3                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 26.5  |                       |
|                         | 11.8  | 29.4  | 17.6   | 14.7    |         |         |         |         |         |         |      | 100.0 | 5.0                   |

TOTAL NUMBER OF OBSERVATIONS 24



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73 SEP  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
0600-0800  
HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 6.1   | 12.4  | 2.6    | .5      |         |         |         |         |         |         |      | 21.5  | 4.7                   |
| NNE                     | 4.2   | 6.3   | 3.7    | 1.4     | .5      |         |         |         |         |         |      | 16.2  | 6.2                   |
| NE                      | .9    | 4.0   | .9     | .9      | .2      |         |         |         |         |         |      | 7.0   | 6.4                   |
| ENE                     | .7    | .9    | 1.6    | 2.1     | .2      |         |         |         |         |         |      | 9.6   | 9.4                   |
| E                       | .3    | 1.9   | .2     |         |         |         |         |         |         |         |      | 2.6   | 4.7                   |
| ESE                     | .2    | .2    |        |         |         |         |         |         |         |         |      | .5    | 3.0                   |
| SE                      | .3    | .2    | .2     |         |         |         |         |         |         |         |      | .9    | 4.0                   |
| SSE                     | 1.4   | .2    |        |         |         |         |         |         |         |         |      | 1.6   | 2.4                   |
| S                       | 1.6   | .9    | .2     |         |         |         |         |         |         |         |      | 2.8   | 3.6                   |
| SSW                     | .5    | .7    | .7     |         |         |         |         |         |         |         |      | 1.9   | 5.1                   |
| SW                      | .5    | .9    | .2     |         |         |         |         |         |         |         |      | 1.6   | 4.9                   |
| WSW                     | .7    | .2    |        | .5      |         |         |         |         |         |         |      | 1.4   | 6.2                   |
| W                       | .7    | .2    |        | .2      |         |         |         |         |         |         |      | 1.2   | 4.8                   |
| WNW                     | .2    | .5    |        |         |         |         |         |         |         |         |      | .7    | 3.7                   |
| NW                      | .2    | .5    | .2     | .2      |         |         |         |         |         |         |      | 1.2   | 7.6                   |
| NNW                     | 2.6   | 4.9   | 1.4    | .9      | .2      |         |         |         |         |         |      | 10.1  | 5.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 29.2  |                       |
|                         | 21.5  | 38.1  | 12.2   | 6.8     | 1.2     |         |         |         |         |         |      | 100.0 | 4.3                   |

TOTAL NUMBER OF OBSERVATIONS 427

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM

STATION NAME

61-73

YEARS

SEP

MONTH

ALL WEATHER  
CLAS

0900-1100  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 14 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.8   | 3.1   | 2.6    | .6      |         |         |         |         |         |         |      | 8.0   | 6.0                   |
| NNE                     | 1.0   | 2.3   | 1.9    | .3      | .1      |         |         |         |         |         |      | 5.7   | 6.2                   |
| NE                      | .6    | 1.0   | .6     | 1.5     |         | .1      |         |         |         |         |      | 3.8   | 9.1                   |
| ENE                     | 1.0   | 1.0   | 1.6    | .3      | .3      |         |         |         |         |         |      | 4.2   | 7.4                   |
| E                       | .7    | 1.6   | .9     | .7      | .3      |         |         |         |         |         |      | 4.2   | 7.9                   |
| ESE                     | .7    | .3    | .1     |         |         |         |         |         |         |         |      | 1.2   | 3.5                   |
| SE                      | .9    | .4    | .4     |         |         |         |         |         |         |         |      | 1.8   | 4.0                   |
| SSE                     | 1.2   | 2.6   | .3     |         |         |         |         |         |         |         |      | 4.1   | 4.3                   |
| S                       | 3.7   | 6.0   | 3.2    | .6      |         |         |         |         |         |         |      | 13.5  | 5.5                   |
| SSW                     | 1.0   | 2.9   | 2.6    | .4      |         |         |         |         |         |         |      | 7.0   | 6.3                   |
| SW                      | .4    | 1.3   | 1.5    | .3      |         |         |         |         |         |         |      | 3.5   | 7.0                   |
| WSW                     | 1.3   | 1.6   | 1.3    | .7      |         |         |         |         |         |         |      | 5.0   | 6.1                   |
| W                       | 1.8   | 1.9   | 1.0    | .3      |         |         |         |         |         |         |      | 5.0   | 5.0                   |
| WNW                     | .3    | .7    | .3     | .3      |         |         |         |         |         |         |      | 1.6   | 6.7                   |
| NW                      | .4    | .4    | .7     | .3      |         |         |         |         |         |         |      | 1.9   | 6.9                   |
| NNW                     | .7    | .9    | 1.0    | .6      | .1      |         |         |         |         |         |      | 3.4   | 7.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 26.2  |                       |
|                         | 17.5  | 28.2  | 20.2   | 6.9     | .9      | .1      |         |         |         |         |      | 100.0 | 4.6                   |

TOTAL NUMBER OF OBSERVATIONS

684

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73 SFP  
STATION STATION NAME YEARS NORTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KMTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .7    | 1.0   | 1.8    | 1.0     |         |         | .1      |         |         |         |      | 5.3   | 8.0                   |
| NNE                     | .4    | 1.3   | .6     | .1      |         |         |         |         |         |         |      | 2.5   | 6.0                   |
| NE                      | .7    | .4    | .9     | .9      |         |         |         |         |         |         |      | 2.9   | 8.1                   |
| ENE                     | .6    | 1.0   | .6     | .3      |         |         |         |         |         |         |      | 2.5   | 5.8                   |
| E                       | .4    | 1.3   | .9     | .7      |         |         |         |         |         |         |      | 3.4   | 7.1                   |
| ESE                     | .9    | .9    | 1.0    |         |         |         |         |         |         |         |      | 2.8   | 5.0                   |
| SE                      | .3    | 1.0   | .7     | .3      |         |         |         |         |         |         |      | 2.3   | 6.7                   |
| SSE                     | 1.2   | 1.3   | 1.2    | .1      |         |         |         |         |         |         |      | 3.8   | 5.2                   |
| S                       | 2.2   | 7.4   | 5.8    | 1.6     | .3      |         |         |         |         |         |      | 17.4  | 6.8                   |
| SSW                     | 1.3   | 3.9   | 3.8    | 1.3     |         |         |         |         |         |         |      | 10.4  | 6.9                   |
| SW                      | 1.8   | 3.1   | 3.1    | 2.0     | .1      |         |         |         |         |         |      | 10.1  | 7.6                   |
| WSW                     | .9    | 2.6   | 2.6    | 1.2     |         |         |         |         |         |         |      | 7.3   | 7.5                   |
| W                       | 1.0   | 2.2   | 1.2    | .4      |         |         |         |         |         |         |      | 5.8   | 5.5                   |
| WNW                     | 1.5   | 1.0   | .6     | .1      |         |         |         |         |         |         |      | 3.2   | 5.2                   |
| NW                      | .1    | 1.2   | .6     | .4      |         |         |         |         |         |         |      | 2.3   | 7.4                   |
| NNW                     | .2    | .7    | 1.6    | .6      | .1      |         |         |         |         |         |      | 3.4   | 9.0                   |
| VARB.                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 14.7  |                       |
|                         | 14.3  | 32.1  | 26.9   | 11.2    | .6      |         | .1      |         |         |         |      | 100.0 | 5.9                   |

TOTAL NUMBER OF OBSERVATIONS 685

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 61-73 SEP  
STATION STATION NAME YEARS MONTHS  
ALL WEATHER 1500-1700  
CLASS HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .9    | 1.8   | .9     | 1.8     |         |         |         |         |         |         |      | 5.3   | 7.8                   |
| NNE                     | .3    | 1.8   | .9     | .3      |         |         |         |         |         |         |      | 3.3   | 6.2                   |
| NE                      | .3    | .3    | .3     | .6      |         |         |         |         |         |         |      | 1.5   | 8.6                   |
| ENE                     | .3    | .6    | 1.2    | .6      |         |         |         |         |         |         |      | 2.7   | 8.1                   |
| E                       |       | 1.8   | 1.2    | .9      |         |         |         |         |         |         |      | 3.9   | 7.8                   |
| ESE                     | .3    | .3    | .9     |         |         |         |         |         |         |         |      | 1.5   | 7.4                   |
| SE                      | .9    | .9    | .6     |         |         |         |         |         |         |         |      | 2.4   | 4.4                   |
| SSE                     | 1.2   | 1.5   | 1.5    | .3      | .3      |         |         |         |         |         |      | 6.7   | 6.8                   |
| S                       | .6    | 4.5   | 5.9    | 1.2     | .3      |         |         |         |         |         |      | 12.5  | 7.6                   |
| SSW                     | .9    | 5.0   | 7.1    | 1.8     | .3      |         |         |         |         |         |      | 15.1  | 7.6                   |
| SW                      | .9    | 2.7   | 2.1    | 1.8     | .3      |         |         |         |         |         |      | 7.7   | 8.1                   |
| WSW                     | .6    | 2.1   | 4.2    |         |         |         |         |         |         |         |      | 6.8   | 6.9                   |
| W                       | 1.2   | 2.1   | 2.4    |         |         |         |         |         |         |         |      | 5.6   | 5.8                   |
| WNW                     | .3    | 1.5   | 1.2    | .6      |         |         |         |         |         |         |      | 3.6   | 7.2                   |
| NW                      |       | 1.2   | .3     | .3      |         |         |         |         |         |         |      | 1.8   | 7.3                   |
| NNW                     | .6    | 2.1   | 1.8    | .3      |         |         |         |         |         |         |      | 4.7   | 7.2                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 16.9  |                       |
|                         | 9.2   | 30.0  | 32.3   | 10.4    | 1.2     |         |         |         |         |         |      | 100.0 | 6.0                   |

TOTAL NUMBER OF OBSERVATIONS 317

3

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 63-67,69,71-72 SEP  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
1800-2000  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.0   | 6.0   | 4.0    | 2.0     |         |         |         |         |         |         |      | 14.0  | 6.7                   |
| NNE                     | 2.0   |       | 2.0    |         |         |         |         |         |         |         |      | 4.0   | 4.0                   |
| NE                      | 2.0   |       |        |         |         |         |         |         |         |         |      | 2.0   | 3.0                   |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       | 2.0   |       | 4.0    |         |         |         |         |         |         |         |      | 6.0   | 5.7                   |
| ESE                     |       | 2.0   |        | 2.0     |         |         |         |         |         |         |      | 4.0   | 6.5                   |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        | 2.0     |         |         |         |         |         |         |      | 2.0   | 16.0                  |
| S                       | 2.0   |       |        |         |         |         |         |         |         |         |      | 2.0   | 2.0                   |
| SSW                     | 2.0   | 6.0   | 4.0    |         |         |         |         |         |         |         |      | 12.0  | 5.5                   |
| SW                      | 2.0   | 4.0   |        |         |         |         |         |         |         |         |      | 6.0   | 4.3                   |
| WSW                     |       | 2.0   |        |         |         |         |         |         |         |         |      | 2.0   | 4.0                   |
| W                       | 4.0   | 4.0   |        |         |         |         |         |         |         |         |      | 8.0   | 4.0                   |
| WNW                     | 2.0   | 8.0   |        |         |         |         |         |         |         |         |      | 10.0  | 4.4                   |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 28.0  |                       |
|                         | 20.0  | 32.0  | 14.0   | 6.0     |         |         |         |         |         |         |      | 100.0 | 4.0                   |

TOTAL NUMBER OF OBSERVATIONS 10

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM  
STATION NAME

63-67,69,71  
YEARS

SFP  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.6   |       | 5.3    | 2.6     |         |         |         |         |         |         |      | 17.5  | 7.5                   |
| NNE                     | 2.6   | 2.6   |        |         |         |         |         |         |         |         |      | 5.3   | 4.0                   |
| NE                      | 2.6   | 7.9   | 2.6    |         |         |         |         |         |         |         |      | 13.2  | 4.8                   |
| ENE                     |       | 2.6   |        |         |         |         |         |         |         |         |      | 2.6   | 6.0                   |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     | 2.6   |       |        |         |         |         |         |         |         |         |      | 2.6   | 3.0                   |
| S                       | 5.3   |       |        |         |         |         |         |         |         |         |      | 5.3   | 2.0                   |
| SSW                     | 2.6   |       |        |         |         |         |         |         |         |         |      | 2.6   | 3.0                   |
| SW                      |       | 5.3   |        |         |         |         |         |         |         |         |      | 5.3   | 5.0                   |
| WSW                     | 5.3   |       | 2.6    |         |         |         |         |         |         |         |      | 7.9   | 3.3                   |
| W                       | 2.6   |       |        |         |         |         |         |         |         |         |      | 2.6   | 3.0                   |
| WNW                     | 2.6   |       |        |         |         |         |         |         |         |         |      | 2.6   | 3.0                   |
| NW                      | 2.6   |       |        | 2.6     |         |         |         |         |         |         |      | 5.3   | 8.5                   |
| NNW                     | 2.6   | 2.6   | 5.3    |         |         |         |         |         |         |         |      | 10.5  | 6.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 29.7  |                       |
|                         | 34.2  | 21.1  | 15.8   | 5.3     |         |         |         |         |         |         |      | 100.0 | 3.8                   |

TOTAL NUMBER OF OBSERVATIONS

38

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 66 CT  
STATION NAME STATION NAME YEARS MONTH  
ALL WEATHER 0000-0200  
CLASS HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 20.0  |        |         |         |         |         |         |         |         |      | 20.0  | 6.0                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       | 20.0  |       |        |         |         |         |         |         |         |         |      | 20.0  | 3.0                   |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 60.0  |                       |
|                         | 20.0  | 20.0  |        |         |         |         |         |         |         |         |      | 100.0 | 1.8                   |

TOTAL NUMBER OF OBSERVATIONS 5

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

92061 STATION STALLION SITE NM 63-66.73 CT  
STATION NAME STATION NAME YEARS MONTH  
ALL WEATHER CLASS 0300-0500  
CONDITION HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 8.7   | 17.4  |        |         |         |         |         |         |         |         |      | 26.1  | 9.0                   |
| NNE                     | 4.3   | 13.0  |        |         |         |         |         |         |         |         |      | 17.4  | 4.8                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       | 4.3   |       |        |         |         |         |         |         |         |         |      | 4.3   | 2.0                   |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       | 4.3   | 4.3    |         |         |         |         |         |         |         |      | 8.7   | 6.0                   |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       | 4.3   |        |         |         |         |         |         |         |         |      | 4.3   | 4.0                   |
| NW                      |       | 4.3   |        |         |         |         |         |         |         |         |      | 4.3   | 4.0                   |
| NNW                     | 4.3   | 4.3   |        |         |         |         |         |         |         |         |      | 8.7   | 3.0                   |
| VARB                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 26.1  |                       |
|                         | 21.7  | 47.8  | 4.3    |         |         |         |         |         |         |         |      | 100.0 | 3.3                   |

TOTAL NUMBER OF OBSERVATIONS 23



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 93061 STATION NAME STALLION SITE NM YEARS 61.63-73 LCT MONTH  
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800  
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N                 | 10.5  | 15.7  | 2.0    | .7      | .2      |         |         |         |         |         |      | 30.2  | 4.5             |
| NNE               | 7.0   | 6.1   | 2.5    | 1.2     | .9      |         |         |         |         |         |      | 18.7  | 5.9             |
| NE                | 3.5   | 4.4   | .7     | 2.1     | 1.2     |         |         |         |         |         |      | 11.9  | 6.9             |
| ENE               | 1.2   | 1.6   | .9     | 1.4     | .5      |         |         |         |         |         |      | 5.6   | 8.3             |
| E                 | 1.2   | .5    |        |         |         |         |         |         |         |         |      | 1.6   | 3.1             |
| ESE               | .2    |       |        |         |         |         |         |         |         |         |      | .2    | 2.0             |
| SE                |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| SSE               |       | .5    |        | .2      |         |         |         |         |         |         |      | .7    | 7.0             |
| S                 | .5    | 1.2   | .2     |         |         |         |         |         |         |         |      | 1.9   | 5.0             |
| SSW               | .2    | .9    | .7     | .2      |         | .5      |         |         |         |         |      | 2.6   | 10.0            |
| SW                | .2    | .2    | .7     |         | .2      |         |         |         |         |         |      | 1.4   | 8.3             |
| WSW               |       | .2    | .5     |         |         |         |         |         |         |         |      | .7    | 6.7             |
| W                 |       | .5    |        |         |         |         |         |         |         |         |      | .5    | 5.5             |
| WNW               | .2    | .5    |        | .2      |         |         |         |         |         |         |      | .9    | 6.3             |
| NW                |       | .2    |        | .2      |         |         |         |         |         |         |      | .5    | 8.5             |
| NNW               | 2.7   | 4.9   | .9     |         | .7      |         |         |         |         |         |      | 10.3  | 5.1             |
| VARIABLE          |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| CALM              |       |       |        |         |         |         |         |         |         |         |      | 12.2  |                 |
|                   | 28.6  | 27.5  | 11.2   | 6.3     | 2.7     | .5      |         |         |         |         |      | 100.0 | 5.0             |

TOTAL NUMBER OF OBSERVATIONS 427

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 01.63-73  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
0300-1100  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.4   | 1.4   | 1.7    | 1.4     | .4      |         |         |         |         |         |      | 6.2   | 8.2                   |
| NNE                     | 1.1   | 1.7   | 1.9    | 2.1     | .4      |         |         |         |         |         |      | 7.2   | 8.9                   |
| NE                      | .9    | 1.1   | 1.0    | .8      | 1.2     | .1      |         |         |         |         |      | 4.8   | 10.3                  |
| ENE                     | 1.4   | 1.1   | 1.2    | 1.8     | .3      | .8      | .1      |         |         |         |      | 6.3   | 10.1                  |
| E                       | 2.3   | .7    | .7     | .8      |         |         |         |         |         |         |      | 4.6   | 5.4                   |
| ESE                     | .4    | 1.0   | .1     | .1      |         |         |         |         |         |         |      | 1.7   | 4.9                   |
| SE                      | 1.2   | .4    |        |         |         |         |         |         |         |         |      | 1.7   | 2.7                   |
| SSE                     | 1.7   | 1.9   | 1.7    | .1      |         |         |         |         |         |         |      | 3.4   | 5.5                   |
| S                       | 4.0   | 3.2   | 2.2    | .3      |         |         |         |         |         |         |      | 9.7   | 4.9                   |
| SSW                     | 2.8   | 3.7   | 2.2    | 1.0     | .1      | .3      |         |         |         |         |      | 10.6  | 7.0                   |
| SW                      | .7    | .8    | 1.2    | .6      | .4      | .1      |         |         |         |         |      | 3.9   | 9.0                   |
| WSW                     | .7    | .7    | 1.0    |         | .3      |         |         |         |         |         |      | 2.6   | 6.6                   |
| W                       | .7    | .8    | .6     | .4      |         |         |         |         |         |         |      | 2.3   | 6.1                   |
| WNW                     |       | 1.0   | .3     | .1      |         |         |         |         |         |         |      | 1.4   | 6.6                   |
| NW                      | .6    | .4    | .3     | .4      | .1      |         |         |         |         |         |      | 1.8   | 6.8                   |
| NNW                     | 1.1   | .7    | .7     | 1.4     | .1      |         |         |         |         |         |      | 4.0   | 8.4                   |
| VARS                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 25.6  |                       |
|                         | 20.4  | 20.6  | 17.7   | 11.0    | 3.8     | 1.1     | .1      |         |         |         |      | 100.0 | 5.4                   |

TOTAL NUMBER OF OBSERVATIONS 724

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 0163-73 UCT  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.8   | 1.1   | 2.4    | 2.0     | .1      |         |         |         |         |         |      | 7.4   | 8.0                   |
| NNE                     | .6    | .8    | 1.5    | 1.7     |         |         |         |         |         |         |      | 4.6   | 9.0                   |
| NE                      | .6    | .4    | .7     | .8      | .7      |         |         |         |         |         |      | 3.2   | 10.9                  |
| ENE                     | .1    | .1    | 1.0    | .8      | .1      |         |         |         |         |         |      | 2.2   | 10.6                  |
| E                       | .1    | .8    | .8     | .4      |         |         |         |         |         |         |      | 2.2   | 8.1                   |
| ESE                     | .8    | .8    | .1     | .1      |         |         |         |         |         |         |      | 2.0   | 4.8                   |
| SE                      | .3    | .7    | .1     | .1      |         |         |         |         |         |         |      | 1.3   | 5.2                   |
| SSE                     | .7    | 2.6   | 1.8    | .7      | .1      |         |         |         |         |         |      | 6.0   | 7.0                   |
| S                       | 1.4   | 6.4   | 5.3    | 1.4     | .4      |         |         |         |         |         |      | 14.9  | 7.3                   |
| SSW                     | 1.4   | 5.4   | 3.3    | 1.5     | .6      | .6      |         |         |         |         |      | 14.8  | 8.2                   |
| SW                      | 1.0   | 2.5   | 2.2    | 1.0     | .3      | .3      |         |         |         |         |      | 7.3   | 8.1                   |
| WSW                     | .8    | 2.2   | 1.8    | .7      | .6      | .1      |         |         |         |         |      | 6.3   | 8.1                   |
| W                       | 1.4   | 1.5   | 1.4    | .4      |         |         |         |         |         |         |      | 4.7   | 5.8                   |
| WWW                     | 1.1   | 1.0   | .7     | .3      |         |         |         |         |         |         |      | 3.1   | 5.5                   |
| NW                      | .4    | .2    | .6     | .7      |         |         |         |         |         |         |      | 1.8   | 8.1                   |
| NNW                     | .8    | 1.4   | 1.1    | .3      | .3      |         |         |         |         |         |      | 3.9   | 6.9                   |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 14.4  |                       |
|                         | 13.4  | 28.3  | 24.8   | 13.0    | 3.2     | 1.0     |         |         |         |         |      | 100.0 | 6.6                   |

TOTAL NUMBER OF OBSERVATIONS 717

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 01063-73 LCT  
STATION NAME STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1500-1700  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 14 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .8    | 2.5   | .6     | .6      |         |         |         |         |         |         |      | 6.5   | 5.9                   |
| NNE                     | .3    | 1.4   | 1.7    | 1.7     | .3      |         |         |         |         |         |      | 5.4   | 9.3                   |
| NE                      |       | .8    | .8     | 1.7     |         |         |         |         |         |         |      | 3.4   | 10.3                  |
| NNE                     | .3    |       | .6     |         |         |         |         |         |         |         |      | .8    | 6.7                   |
| E                       | .6    | .3    | 1.4    | 1.1     |         |         |         |         |         |         |      | 3.4   | 8.6                   |
| ESE                     | .3    | .8    |        |         |         |         |         |         |         |         |      | 1.1   | 4.0                   |
| SE                      | .3    | .8    |        |         |         |         |         |         |         |         |      | 1.1   | 4.0                   |
| SSE                     | 1.1   | 1.7   | 1.7    | 1.1     | .3      |         |         |         |         |         |      | 5.9   | 8.1                   |
| S                       | .8    | 9.1   | 8.6    | 1.7     | .6      |         |         |         |         |         |      | 17.6  | 6.9                   |
| SSW                     | 1.1   | 7.4   | 2.0    | 2.3     | .3      |         |         |         |         |         |      | 13.0  | 7.2                   |
| SW                      | .6    | 2.8   | 2.8    | 1.4     | .3      | .3      |         |         |         |         |      | 8.2   | 8.6                   |
| WSW                     | 1.1   | 2.5   | 2.5    | 1.1     | .3      |         |         |         |         |         |      | 7.6   | 7.3                   |
| W                       | 1.4   | 1.4   | .8     | .6      | .3      |         |         |         |         |         |      | 6.5   | 6.9                   |
| WNW                     | 2.3   | 2.0   | .8     | .3      |         |         |         |         |         |         |      | 9.1   | 4.7                   |
| NW                      | .3    | .3    | .8     |         |         |         |         |         |         |         |      | 1.4   | 6.4                   |
| NNW                     | .3    | .6    | .6     | .6      |         |         |         |         |         |         |      | 2.0   | 9.0                   |
| VABL                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 14.7  |                       |
|                         | 11.6  | 24.6  | 22.6   | 14.2    | 2.3     | .3      |         |         |         |         |      | 100.0 | 6.3                   |

TOTAL NUMBER OF OBSERVATIONS 353

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061

STALLION SITE NM

63-67,70,72

EQT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 5.7   | 2.9    |         |         |         |         |         |         |         |      | 8.6   | 6.3                   |
| NNE                     |       | 5.7   | 2.9    |         |         |         |         |         |         |         |      | 8.6   | 6.7                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        | 5.7     |         |         |         |         |         |         |      | 5.7   | 12.0                  |
| E                       |       |       | 2.9    |         |         |         |         |         |         |         |      | 2.9   | 10.0                  |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      | 2.9   |       |        |         |         |         |         |         |         |         |      | 2.9   | 2.0                   |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       | 2.9   | 2.9   | 5.7    |         |         |         |         |         |         |         |      | 11.4  | 3.8                   |
| SSW                     | 2.9   | 2.9   |        |         |         |         |         |         |         |         |      | 5.7   | 3.0                   |
| SW                      | 5.7   | 5.7   |        |         |         |         |         |         |         |         |      | 11.4  | 3.5                   |
| WSW                     |       | 8.6   | 5.7    |         |         |         |         |         |         |         |      | 16.3  | 6.2                   |
| W                       |       | 5.7   |        |         |         |         |         |         |         |         |      | 5.7   | 4.0                   |
| WNW                     | 11.4  | 2.9   |        |         |         |         |         |         |         |         |      | 16.3  | 2.8                   |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARB                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 8.6   |                       |
|                         | 28.7  | 40.0  | 20.0   | 5.7     |         |         |         |         |         |         |      | 100.0 | 4.9                   |

TOTAL NUMBER OF OBSERVATIONS

15

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM  
STATION NAME

66-66,72  
YEARS

001  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 25.0  |        |         |         |         |         |         |         |         |      | 25.0  | 4.5                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       |        | 12.5    |         |         |         |         |         |         |      | 12.5  | 12.5                  |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       | 6.3   |       |        |         |         |         |         |         |         |         |      | 6.3   | 2.0                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       | 6.3   |        |         |         |         |         |         |         |         |      | 6.3   | 4.0                   |
| SSW                     |       | 6.3   |        |         |         |         |         |         |         |         |      | 6.3   | 5.0                   |
| SW                      |       | 6.3   |        |         |         |         |         |         |         |         |      | 6.3   | 4.0                   |
| WSW                     |       | 6.3   |        |         |         |         |         |         |         |         |      | 6.3   | 5.0                   |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        | 6.3     |         |         |         |         |         |         |      | 6.3   | 12.0                  |
| NNW                     |       |       | 6.3    | 6.3     |         |         |         |         |         |         |      | 12.5  | 11.0                  |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 12.5  |                       |
|                         | 6.3   | 50.0  | 6.3    | 25.0    |         |         |         |         |         |         |      | 100.0 | 6.1                   |

TOTAL NUMBER OF OBSERVATIONS 16

3  
DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NH 64.66 NOV  
STATION MONTH  
ALL WEATHER  
CLASS  
0000-0200  
HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNE                     |       | 33.3  |        |         |         |         |         |         |         |         |      | 33.3  | 4.0                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       | 33.3  | 33.3   |         |         |         |         |         |         |         |      | 66.7  | 6.3                   |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARB                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
|                         |       | 66.7  | 33.3   |         |         |         |         |         |         |         |      | 100.0 | 5.7                   |

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM

STATION NAME

64,66-67,73

YEARS

N0V  
MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 9.1   | 9.1   |        |         |         |         |         |         |         |         |      | 18.2  | 3.5                   |
| NNE                     | 9.1   | 9.1   | 9.1    |         |         |         |         |         |         |         |      | 27.3  | 5.3                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       | 9.1    | 9.1     | 27.3    |         |         |         |         |         |      | 45.5  | 15.2                  |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       | 9.1   |        |         |         |         |         |         |         |         |      | 9.1   | 6.0                   |
| VARB.                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
|                         | 18.2  | 27.3  | 18.2   | 9.1     | 27.3    |         |         |         |         |         |      | 100.0 | 9.5                   |

TOTAL NUMBER OF OBSERVATIONS

11



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM  
STATION NAME

61,63-73  
YEARS

NDV  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 13.3  | 11.9  | 2.9    | 1.1     | .4      |         |         |         |         |         |      | 29.5  | 4.5                   |
| NNE                     | 3.6   | 6.8   | 1.4    | .4      |         | .4      |         |         |         |         |      | 12.6  | 5.2                   |
| NE                      | 2.2   | 5.0   | 1.4    | 1.8     |         |         |         |         |         |         |      | 10.4  | 6.2                   |
| ENE                     | 1.1   | 1.8   |        | 1.4     | .4      |         |         |         |         |         |      | 4.7   | 8.0                   |
| E                       | .4    | 1.1   | .7     | .4      |         |         |         |         |         |         |      | 2.5   | 6.1                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      | .4    |       |        |         |         |         |         |         |         |         |      | .4    | 2.0                   |
| SSE                     | .4    |       | .4     |         |         |         |         |         |         |         |      | .7    | 6.5                   |
| S                       | .4    | .7    | .4     | .7      | .4      |         |         |         |         |         |      | 2.5   | 9.3                   |
| SSW                     | .4    | 1.4   |        | .4      |         |         |         |         |         |         |      | 2.2   | 5.5                   |
| SW                      | 1.1   | .4    | .4     | .4      |         | .4      |         |         |         |         |      | 2.5   | 7.4                   |
| WSW                     | .4    | .7    | .7     | .4      |         |         |         |         |         |         |      | 2.2   | 6.2                   |
| W                       | .4    | .7    | .4     | .4      |         |         |         |         |         |         |      | 1.8   | 7.4                   |
| WNW                     |       | .4    |        |         |         |         |         |         |         |         |      | .4    | 4.0                   |
| NW                      | .4    | 1.1   | .4     |         |         |         |         |         |         |         |      | 1.8   | 5.6                   |
| NNW                     | 1.4   | 3.6   | .7     | .7      |         |         |         |         |         |         |      | 6.5   | 5.6                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 19.4  |                       |
|                         | 25.5  | 35.6  | 9.7    | 7.9     | 1.1     | .7      |         |         |         |         |      | 100.0 | 4.5                   |

TOTAL NUMBER OF OBSERVATIONS 278

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM  
STATION NAME

61,63-73  
YEARS

NIV  
GUTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.4   | 2.9   | 2.1    | 1.8     | .5      | .2      |         |         |         |         |      | 9.8   | 7.7                   |
| NNE                     | 2.1   | 2.6   | 1.5    | 1.1     | .5      |         |         |         |         |         |      | 7.7   | 7.0                   |
| NE                      | 1.4   | 1.4   | 1.1    | .5      | .2      |         |         |         |         |         |      | 4.4   | 6.3                   |
| ENE                     | 1.8   | 1.2   | .8     | .6      | .2      | .2      | .2      |         |         |         |      | 4.8   | 7.5                   |
| E                       | .8    | 1.2   | .5     | .9      |         | .2      |         |         |         |         |      | 3.5   | 7.7                   |
| ESE                     | 1.1   | .3    |        |         |         |         |         |         |         |         |      | 1.4   | 2.7                   |
| SE                      | .9    | .2    | .2     |         |         |         |         |         |         |         |      | 1.2   | 3.3                   |
| SSE                     | 1.2   | .9    | .5     | .2      |         |         |         |         |         |         |      | 2.7   | 4.5                   |
| S                       | 2.1   | 4.4   | 2.6    | .5      | .9      | .2      |         |         |         |         |      | 10.5  | 7.1                   |
| SSW                     | 1.5   | 2.3   | 2.3    | 1.4     |         |         |         |         |         |         |      | 7.4   | 6.8                   |
| SW                      | .2    | 1.5   | .5     | 1.2     | .3      |         |         |         |         |         |      | 3.6   | 8.8                   |
| WSW                     | .2    | .9    | .6     | .3      | .2      | .2      |         |         |         |         |      | 2.3   | 9.1                   |
| W                       | .6    | 1.2   | .5     | .3      | .3      | .2      |         |         |         |         |      | 3.0   | 8.0                   |
| WNW                     | .3    | .2    | .2     |         |         |         |         |         |         |         |      | .6    | 4.8                   |
| NW                      | .2    | .2    | .6     | .8      | .3      |         |         |         |         |         |      | 2.0   | 10.8                  |
| NNW                     | .8    | 1.2   | 1.4    | .9      | .3      |         |         |         |         |         |      | 4.5   | 8.3                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 30.9  |                       |
|                         | 17.8  | 22.2  | 14.9   | 10.2    | 3.5     | .9      | .2      |         |         |         |      | 100.0 | 5.0                   |

TOTAL NUMBER OF OBSERVATIONS

666

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 6163-73 47V  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 1200-1400  
CONDITION HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.5   | 2.1   | 2.2    | 1.4     | .6      |         |         |         |         |         |      | 8.4   | 8.6                   |
| NNE                     | .7    | 1.8   | 1.0    | .7      |         |         |         |         |         |         |      | 4.3   | 6.6                   |
| NE                      |       | 1.0   | .7     | .4      |         |         |         |         |         |         |      | 2.2   | 7.3                   |
| ENE                     | .1    | .3    | .7     | .1      | .4      |         |         |         |         |         |      | 1.0   | 10.8                  |
| E                       | .9    | .9    | .6     |         |         |         |         |         |         |         |      | 2.4   | 4.6                   |
| ESE                     | .3    | .4    | .1     |         |         |         |         |         |         |         |      | .9    | 4.3                   |
| SE                      | .3    | .6    | .1     |         |         |         |         |         |         |         |      | 1.0   | 4.9                   |
| SSE                     | .7    | 3.0   | .6     | .3      |         |         |         |         |         |         |      | 4.6   | 5.2                   |
| S                       | 2.5   | 3.7   | 3.8    | 1.3     | .1      |         |         |         |         |         |      | 13.6  | 7.0                   |
| SSW                     | 1.6   | 3.9   | 3.7    | 1.9     | .3      |         |         |         |         |         |      | 11.5  | 7.5                   |
| SW                      | .3    | 1.3   | 1.9    | 1.5     | .9      |         |         |         |         |         |      | 6.1   | 10.4                  |
| WSW                     | 1.8   | 3.3   | 1.2    | 1.3     | .6      |         |         |         |         |         |      | 8.2   | 7.5                   |
| W                       | 1.5   | 1.9   | 1.2    | .1      |         |         |         |         |         |         |      | 4.5   | 5.0                   |
| WNW                     | .6    | 1.6   | .4     | .3      |         |         |         |         |         |         |      | 3.0   | 5.9                   |
| NW                      | .3    | .7    | 1.2    | .7      | .4      |         |         |         |         |         |      | 3.4   | 9.9                   |
| NNW                     | .9    | 1.8   | .7     | 1.3     | .9      | .1      |         |         |         |         |      | 5.8   | 9.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 17.7  |                       |
|                         | 14.2  | 28.7  | 22.6   | 12.3    | 4.3     | .1      |         |         |         |         |      | 100.0 | 6.2                   |

TOTAL NUMBER OF OBSERVATIONS 668

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM  
STATION NAME

61,63-73  
YEARS

NEV  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .4    | 2.0   | 2.5    | 1.1     | 1.1     |         |         |         |         |         |      | 7.2   | 9.4                   |
| NNE                     | .2    | 1.6   | 1.8    |         |         |         |         |         |         |         |      | 3.6   | 6.6                   |
| NE                      | .2    | 1.6   | .2     | .7      | .2      |         |         |         |         |         |      | 2.9   | 7.5                   |
| ENE                     | .9    | .7    | .2     |         |         | .2      |         |         |         |         |      | 2.0   | 5.7                   |
| E                       | .9    | .2    | .4     |         |         |         |         |         |         |         |      | 1.5   | 4.7                   |
| ESE                     | .4    | .4    | .4     | .2      |         |         |         |         |         |         |      | 1.6   | 6.6                   |
| SE                      | .4    | .4    | .9     | .2      |         |         |         |         |         |         |      | 2.0   | 6.9                   |
| SSE                     |       | 1.8   | .9     | .4      |         |         |         |         |         |         |      | 3.1   | 7.0                   |
| S                       | 3.8   | 5.2   | 3.4    | 1.8     | .2      |         |         |         |         |         |      | 14.4  | 6.3                   |
| SSW                     | 2.5   | 4.7   | 4.0    | 2.9     | .2      |         |         |         |         |         |      | 14.4  | 7.6                   |
| SW                      | 1.1   | 3.6   | 2.2    | 1.6     | .7      | .2      |         |         |         |         |      | 9.4   | 8.2                   |
| WSW                     | .9    | 2.0   | .9     | 1.1     | .4      |         |         |         |         |         |      | 5.4   | 8.2                   |
| W                       | 1.3   | 2.7   | 2.0    | .2      | .4      |         |         |         |         |         |      | 6.7   | 6.7                   |
| WNW                     | .9    | .9    | 1.1    | .2      |         |         |         |         |         |         |      | 3.1   | 6.3                   |
| NW                      | .2    | .4    | .9     | .4      | .2      |         |         |         |         |         |      | 2.2   | 8.7                   |
| NNW                     | 1.1   | 1.1   | 1.6    | 1.8     | .2      |         |         |         |         |         |      | 5.2   | 8.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 14.4  |                       |
|                         | 15.5  | 29.4  | 23.6   | 12.8    | 3.8     | .4      |         |         |         |         |      | 100.0 | 6.3                   |

TOTAL NUMBER OF OBSERVATIONS

445

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 63-63  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
1600-2000  
HOUSE (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       | 2.6   |        |         |         |         |         |         |         |         |      | 2.5   | 4.0                   |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       | 5.1   |        |         |         |         |         |         |         |         |      | 5.1   | 6.0                   |
| SSE                     |       | 2.6   |        |         |         |         |         |         |         |         |      | 2.6   | 4.0                   |
| S                       | 2.6   |       |        |         |         |         |         |         |         |         |      | 2.6   | 2.0                   |
| SSW                     | 7.7   | 7.7   | 7.7    | 2.6     |         |         |         |         |         |         |      | 25.6  | 5.7                   |
| SW                      | 2.6   | 2.6   | 2.6    |         |         |         |         |         |         |         |      | 7.7   | 6.0                   |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       | 17.9  |       | 2.6    |         |         |         |         |         |         |         |      | 20.5  | 3.0                   |
| WNW                     | 2.6   | 2.6   |        |         |         |         |         |         |         |         |      | 5.1   | 4.5                   |
| NW                      |       | 2.6   |        |         |         |         |         |         |         |         |      | 2.6   | 6.0                   |
| NNW                     |       | 5.1   |        |         |         |         |         |         |         |         |      | 5.1   | 5.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 20.5  |                       |
|                         | 33.2  | 30.8  | 12.8   | 2.6     |         |         |         |         |         |         |      | 100.0 | 3.7                   |

TOTAL NUMBER OF OBSERVATIONS 39

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 64,66-68 NOV  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 2100-2300  
CLASS HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 23.1  |        |         |         |         |         |         |         |         |      | 23.1  | 4.0                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       | 15.4  |        |         |         |         |         |         |         |         |      | 15.4  | 5.0                   |
| SSW                     | 7.7   | 7.7   | 15.4   |         |         |         |         |         |         |         |      | 30.8  | 6.8                   |
| SW                      |       | 7.7   |        |         |         |         |         |         |         |         |      | 7.7   | 5.0                   |
| WSW                     | 7.7   |       |        |         |         |         |         |         |         |         |      | 7.7   | 2.0                   |
| W                       | 7.7   |       |        |         |         |         |         |         |         |         |      | 7.7   | 1.0                   |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     | 7.7   |       |        |         |         |         |         |         |         |         |      | 7.7   | 1.0                   |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
|                         | 30.8  | 52.8  | 15.4   |         |         |         |         |         |         |         |      | 100.0 | 4.9                   |

TOTAL NUMBER OF OBSERVATIONS 13

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061  
STATION

STALLION SITE NM  
STATION NAME

64,66,72  
YEARS

CFC  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 20.0  | 20.0   |         |         |         |         |         |         |         |      | 40.0  | 5.5                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       | 20.0  |       | 20.0   |         |         |         |         |         |         |         |      | 40.0  | 5.0                   |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARB                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 20.0  |                       |
|                         | 20.0  | 20.0  | 40.0   |         |         |         |         |         |         |         |      | 100.0 | 4.2                   |

TOTAL NUMBER OF OBSERVATIONS 5

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 64 CEC  
STATION STATION NAME YEARS NORTH  
ALL WEATHER CLASS  
CONDITION

0506-0500  
MOON (L.S.V.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 33.3  |       |        |         |         |         |         |         |         |         |      | 33.3  | 3.0                   |
| NNE                     | 33.3  |       |        |         |         |         |         |         |         |         |      | 33.3  | 2.0                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 33.3  |                       |
|                         | 66.7  |       |        |         |         |         |         |         |         |         |      | 100.0 | 1.7                   |

TOTAL NUMBER OF OBSERVATIONS 1



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM

61-73

DEC  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 10.5  | 9.1   | 2.5    | .7      |         |         |         |         |         |         |      | 22.9  | 4.2                   |
| NNE                     | 6.5   | 4.4   | 1.8    | .4      |         |         |         |         |         |         |      | 13.1  | 4.2                   |
| NE                      | .7    | 1.5   | 1.8    |         | .4      |         |         |         |         |         |      | 4.4   | 7.3                   |
| ENE                     | 1.1   | .7    | .4     | .4      |         |         |         |         |         |         |      | 2.5   | 5.4                   |
| E                       |       | .4    |        |         |         |         |         |         |         |         |      | .4    | 4.0                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      | .4    |       |        |         |         |         |         |         |         |         |      | .4    | 3.0                   |
| SSE                     | .4    |       | .4     |         |         |         |         |         |         |         |      | .7    | 5.0                   |
| S                       | .7    | 2.2   | 2.9    | .7      | .4      |         |         |         |         |         |      | 6.9   | 7.4                   |
| SSW                     |       | .7    |        | 1.1     |         |         |         |         |         |         |      | 1.8   | 10.6                  |
| SW                      | .4    | .4    | 1.1    |         |         |         |         |         |         |         |      | 1.8   | 7.0                   |
| WSW                     | 1.1   | .7    |        |         |         |         |         |         |         |         |      | 1.8   | 3.2                   |
| W                       | .7    | .4    | .4     | .4      |         |         |         |         |         |         |      | 1.8   | 6.6                   |
| WNW                     | .4    |       | .4     |         |         |         |         |         |         |         |      | .7    | 4.5                   |
| NW                      | 1.1   | .4    | .7     |         |         |         |         |         |         |         |      | 2.2   | 4.7                   |
| NNW                     | 6.7   | 6.9   | .4     |         |         |         |         |         |         |         |      | 12.0  | 3.8                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 26.5  |                       |
|                         | 28.7  | 27.6  | 12.7   | 3.6     | .7      |         |         |         |         |         |      | 100.0 | 3.6                   |

TOTAL NUMBER OF OBSERVATIONS

275

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STATION NAME STALLION SITE NM 61-73 YEARS DEC MONTHS  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N                 | 4.0   | 4.4   | 1.8    | 2.5     |         |         |         |         |         |         |      | 12.6  | 6.3             |
| NNE               | 3.4   | 2.2   | 1.5    | 1.3     | .4      |         |         |         |         |         |      | 9.8   | 6.0             |
| NE                | 2.2   | 1.8   | 1.5    | .1      |         |         |         |         |         |         |      | 5.7   | 5.0             |
| ENE               | 2.2   | .7    | .6     | .6      | .4      | .1      |         |         |         |         |      | 4.7   | 7.0             |
| E                 | 2.1   | .9    |        |         | .1      |         |         |         |         |         |      | 2.1   | 3.6             |
| ESE               | .7    |       |        |         |         |         |         |         |         |         |      | .7    | 2.0             |
| SE                | .1    | .1    |        |         |         |         |         |         |         |         |      | .3    | 3.0             |
| SSE               | 1.2   | .9    | .1     | .1      |         |         |         |         |         |         |      | 2.5   | 4.2             |
| S                 | 2.6   | 1.2   | 1.3    | 1.5     | .1      |         |         |         |         |         |      | 6.9   | 6.8             |
| SSW               | 1.9   | 1.9   | .9     | 1.5     | .4      |         |         |         |         |         |      | 6.6   | 7.5             |
| SW                | .9    | 1.2   | .9     | 1.2     | .1      |         |         |         |         |         |      | 4.5   | 8.1             |
| WSW               | .6    | .9    | .3     | .3      |         |         |         |         |         |         |      | 2.1   | 5.9             |
| W                 | .4    | .6    | .3     | .1      |         |         |         |         |         |         |      | 1.5   | 6.3             |
| WNW               | .6    | .3    |        |         | .1      | .1      |         |         |         |         |      | 1.2   | 8.0             |
| NW                | .4    | 1.0   | .7     | .6      | .1      |         |         |         |         |         |      | 2.8   | 7.2             |
| NNW               | .9    | .9    | .9     | 1.2     | .1      |         |         |         |         |         |      | 4.0   | 8.0             |
| VARB              |       |       |        |         |         |         |         |         |         |         |      |       |                 |
| CALM              |       |       |        |         |         |         |         |         |         |         |      | 31.1  |                 |
|                   | 24.5  | 20.2  | 10.7   | 11.0    | 2.2     | .3      |         |         |         |         |      | 100.0 | 6.6             |

TOTAL NUMBER OF OBSERVATIONS 682

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93061 STALLION SITE NM 61-73 LFC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 1200-1400  
CONDITION HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.1   | 1.4   | 2.9    | 2.9     | 1.1     |         |         |         |         |         |      | 9.2   | 9.9                   |
| NNE                     | .5    | .8    | 1.5    | .9      | .2      |         |         |         |         |         |      | 3.3   | 8.7                   |
| NE                      | .3    | .5    | .3     | .5      | .2      |         |         |         |         |         |      | 1.7   | 8.2                   |
| ENE                     | .6    | .5    | .3     | .5      | .5      | .2      |         |         |         |         |      | 2.4   | 9.9                   |
| E                       | .2    |       |        |         |         |         |         |         |         |         |      | .2    | 3.0                   |
| ESE                     | .9    |       |        |         |         |         |         |         |         |         |      | .9    | 2.2                   |
| SE                      |       | .6    | .2     |         |         |         |         |         |         |         |      | .8    | 5.6                   |
| SSE                     | 1.8   | .6    | .6     | .2      |         |         |         |         |         |         |      | 3.2   | 4.6                   |
| S                       | 3.2   | 4.4   | 2.6    | .8      | .8      |         |         |         |         |         |      | 11.6  | 6.4                   |
| SSW                     | 1.7   | 3.1   | 1.7    | 1.2     | 1.5     |         |         |         |         |         |      | 11.1  | 8.0                   |
| SW                      | .8    | 2.0   | 1.2    | 1.5     | .3      |         |         |         |         |         |      | 5.7   | 8.4                   |
| WSW                     | 1.4   | 1.1   | 1.7    | .6      | .5      |         |         |         |         |         |      | 5.1   | 7.8                   |
| W                       | 1.2   | 1.2   | 1.5    | .6      | .3      | .2      |         |         |         |         |      | 5.0   | 7.7                   |
| WNW                     | .8    | .8    | .5     | .2      | .5      | .2      |         |         |         |         |      | 2.7   | 8.8                   |
| NW                      | .3    | 1.4   | 1.5    | .8      | .2      | .2      | .2      |         |         |         |      | 4.4   | 9.3                   |
| NNW                     | 1.1   | 2.1   | 3.9    | 1.5     | .5      |         |         |         |         |         |      | 9.0   | 8.3                   |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 23.5  |                       |
|                         | 18.8  | 22.1  | 20.2   | 11.9    | 6.2     | .6      | .2      |         |         |         |      | 100.0 | 6.1                   |

TOTAL NUMBER OF OBSERVATIONS 665

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

92061 STALLION SITE NM 61-73 DEC  
STATION MONTH  
ALL WEATHER 1500-1700  
CLASS HOUR (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.6   | 1.6   | 3.2    | 2.8     | .5      |         |         |         |         |         |      | 9.6   | 8.7                   |
| NNE                     | 1.1   | 2.1   | 2.5    | .7      |         |         |         |         |         |         |      | 6.4   | 7.0                   |
| NE                      | .7    |       | .2     | .5      | .2      |         |         |         |         |         |      | 1.6   | 8.7                   |
| ENE                     | .5    | .2    |        | .9      |         |         |         |         |         |         |      | 1.6   | 9.3                   |
| E                       | .2    |       |        |         |         |         |         |         |         |         |      | .2    | 3.0                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       | .5    | .5     | .2      |         |         |         |         |         |         |      | 1.1   | 7.6                   |
| SSE                     | .7    | 1.6   | 1.1    | .7      |         |         |         |         |         |         |      | 4.1   | 6.8                   |
| S                       | 5.0   | 3.7   | 3.7    | 1.1     | .2      |         |         |         |         |         |      | 13.9  | 5.6                   |
| SSW                     | 2.5   | 5.0   | .9     | 2.1     | .5      |         |         |         |         |         |      | 11.0  | 7.1                   |
| SW                      | .2    | 1.4   | 1.1    | 1.1     | .5      |         |         |         |         |         |      | 4.4   | 9.3                   |
| WSW                     | .5    | 1.6   | 1.6    | .9      | .5      |         |         |         |         |         |      | 5.0   | 8.6                   |
| W                       | 1.6   | .2    | .5     | 1.4     |         |         |         |         |         |         |      | 3.7   | 7.7                   |
| WNW                     | .9    | .7    | 1.1    | .2      |         | .2      |         |         |         |         |      | 3.2   | 7.5                   |
| NW                      | .7    | 2.0   | 1.6    | .7      | .7      | .2      |         |         |         |         |      | 6.9   | 8.4                   |
| NNW                     | 1.1   | 2.5   | 1.8    | .9      | .9      |         |         |         |         |         |      | 7.3   | 8.3                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 20.0  |                       |
|                         | 17.4  | 24.1  | 20.0   | 14.2    | 2.9     | .5      |         |         |         |         |      | 100.0 | 6.1                   |

TOTAL NUMBER OF OBSERVATIONS 426

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 93061 STATION NAME STALLION SITE NM YEARS 63-68, 72 MONTH DEC  
CLASS ALL WEATHER HOURS (L.S.T.) 1400-2000  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 9.1   | 18.2  |        |         |         |         |         |         |         |         |      | 27.3  | 4.5                   |
| NNE                     | 4.5   | 4.5   |        |         |         |         |         |         |         |         |      | 9.1   | 4.0                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       | 9.1   | 4.5    |         |         |         |         |         |         |         |      | 13.6  | 5.7                   |
| SSW                     |       | 4.5   | 4.5    |         |         |         |         |         |         |         |      | 9.1   | 6.0                   |
| SW                      |       |       | 9.1    | 4.5     |         |         |         |         |         |         |      | 13.6  | 12.0                  |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       | 13.6  | 4.5    |         |         |         |         |         |         |         |      | 18.2  | 6.3                   |
| VARIABLE                |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 9.1   |                       |
|                         | 13.6  | 50.0  | 22.7   | 4.5     |         |         |         |         |         |         |      | 100.0 | 5.7                   |

TOTAL NUMBER OF OBSERVATIONS 22

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93061 STALLION SITE NM 64,66,72 CFC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 2100-2300  
CLASS HOURS (L.S.T.)  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 22.2  | 22.2  |        |         |         |         |         |         |         |         |      | 44.4  | 3.8                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       | 11.1  |       |        |         |         |         |         |         |         |         |      | 11.1  | 2.0                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSW                     |       | 11.1  |        |         |         |         |         |         |         |         |      | 11.1  | 4.0                   |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNW                     |       | 22.2  |        |         |         |         |         |         |         |         |      | 22.2  | 3.3                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 11.1  |                       |
|                         | 22.2  | 22.2  |        |         |         |         |         |         |         |         |      | 100.0 | 3.8                   |

TOTAL NUMBER OF OBSERVATIONS 9

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

93061  
STATION

STALLION SITE NM  
STATION NAME

61-73  
YEARS

ALL  
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL  
HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .5    | 1.0   | 1.0    | 1.5     | .5      |         |         |         |         |         |      | 4.5   | 10.2                  |
| NNE                     |       |       | 5.9    | 3.0     | 2.0     |         |         |         |         |         |      | 10.9  | 12.1                  |
| NE                      |       | 2.0   | 4.0    | 3.0     | 1.5     | .5      |         |         |         |         |      | 12.9  | 11.8                  |
| ENE                     |       |       | 3.0    | 3.5     | 1.5     | 2.0     | .5      |         |         |         |      | 10.4  | 15.3                  |
| E                       | 1.0   | 1.0   |        | .5      |         |         |         |         |         |         |      | 2.5   | 5.4                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      | .5    | 1.0   |        |         |         |         |         |         |         |         |      | 1.5   | 5.0                   |
| SSE                     | 1.0   | 1.5   | 1.5    | 2.5     | .5      |         |         |         |         |         |      | 6.9   | 9.2                   |
| S                       | .5    | 4.0   | 1.5    |         | 1.5     | 1.0     |         |         |         |         |      | 8.4   | 10.4                  |
| SSW                     |       | 2.0   | 3.0    | 1.0     | 2.0     | 1.5     | .5      |         |         |         |      | 11.9  | 13.0                  |
| SW                      |       | .5    | .5     |         | 2.0     | 2.0     |         |         |         |         |      | 5.0   | 19.0                  |
| WSW                     | .5    | .5    | .5     | 1.5     | 1.5     | 1.0     |         |         |         |         |      | 5.4   | 14.9                  |
| W                       | 1.0   |       |        | 1.0     | 1.5     |         |         |         |         |         |      | 3.5   | 12.9                  |
| WW                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| WNW                     |       |       |        |         | .5      |         |         |         |         |         |      | .5    | 17.0                  |
| NW                      |       |       |        |         |         |         | .5      |         |         |         |      | 2.0   | 15.8                  |
| NNW                     |       | .5    |        | 1.0     |         |         |         |         |         |         |      |       |                       |
| VARB                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 13.9  |                       |
|                         | 5.0   | 13.9  | 22.8   | 20.3    | 14.9    | 7.9     | 1.5     |         |         |         |      | 100.0 | 10.8                  |

TOTAL NUMBER OF OBSERVATIONS

202

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side



EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
|-------------------|----------------------------|----------|----------|----------|----------|---------------------|----------|---------------------|---------------------|----------|--------------------|--------------------|--------------------|--------------------|---------------------|----------|
|                   | $\geq 10$                  | $\geq 6$ | $\geq 5$ | $\geq 4$ | $\geq 3$ | $\geq 2\frac{1}{2}$ | $\geq 2$ | $\geq 1\frac{1}{2}$ | $\geq 1\frac{1}{4}$ | $\geq 1$ | $\geq \frac{3}{4}$ | $\geq \frac{1}{2}$ | $\geq \frac{1}{4}$ | $\geq \frac{1}{8}$ | $\geq \frac{1}{16}$ | $\geq 0$ |
| NO CEILING        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 1800$       |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 1500$       |                            |          |          |          | 91.0     |                     |          |                     |                     |          |                    |                    |                    |                    |                     | 92.6     |
| $\geq 1200$       |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 1000$       |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 900$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 800$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 700$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 600$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 500$        |                            |          |          |          |          |                     |          |                     |                     | 97.4     |                    |                    |                    |                    |                     | 98.1     |
| $\geq 400$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 300$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 200$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 100$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 0$          |                            |          |          |          | 95.4     |                     | 96.9     |                     |                     | 98.3     |                    |                    |                    |                    |                     | 100.0    |

**EXAMPLE # 1** Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

**EXAMPLE # 2** Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

**EXAMPLE # 3** To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.

#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.  
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $\geq 1$  mile, but < 3 miles; or ceiling  $\geq 500$  feet, but < 1500 feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93001

STALLION SITE NM

61-73

11

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS 157

| CEILING<br>FEET       | VISIBILITY - STATUTE MILES |      |      |      |      |       |      |       |       |      |      |      |      |       |      |       |
|-----------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|-------|
|                       | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0   |
| NO CEILING<br>≥ 20000 | 58.9                       | 69.0 | 69.0 | 69.1 | 69.1 | 69.1  | 69.1 | 69.1  | 69.1  | 69.1 | 69.2 | 69.2 | 69.2 | 69.2  | 69.2 | 69.2  |
| ≥ 18000               | 79.7                       | 79.8 | 79.8 | 79.9 | 79.9 | 79.9  | 79.9 | 79.9  | 79.9  | 79.9 | 80.0 | 80.0 | 80.0 | 80.0  | 80.0 | 80.0  |
| ≥ 16000               | 80.1                       | 80.2 | 80.3 | 80.3 | 80.4 | 80.4  | 80.4 | 80.4  | 80.4  | 80.4 | 80.5 | 80.5 | 80.5 | 80.5  | 80.5 | 80.5  |
| ≥ 14000               | 81.1                       | 81.2 | 81.3 | 81.3 | 81.3 | 81.3  | 81.4 | 81.4  | 81.4  | 81.4 | 81.4 | 81.4 | 81.4 | 81.4  | 81.4 | 81.4  |
| ≥ 12000               | 83.0                       | 83.2 | 83.2 | 83.3 | 83.3 | 83.3  | 83.3 | 83.3  | 83.3  | 83.3 | 83.4 | 83.4 | 83.4 | 83.4  | 83.4 | 83.4  |
| ≥ 10000               | 85.9                       | 86.0 | 86.0 | 86.1 | 86.1 | 86.1  | 86.1 | 86.1  | 86.1  | 86.1 | 86.2 | 86.2 | 86.2 | 86.2  | 86.2 | 86.2  |
| ≥ 9000                | 86.6                       | 86.7 | 86.8 | 86.8 | 86.8 | 86.8  | 86.9 | 86.9  | 86.9  | 86.9 | 86.9 | 86.9 | 86.9 | 87.0  | 87.0 | 87.0  |
| ≥ 8000                | 87.9                       | 88.0 | 88.1 | 88.1 | 88.2 | 88.2  | 88.2 | 88.2  | 88.2  | 88.2 | 88.3 | 88.3 | 88.3 | 88.3  | 88.3 | 88.3  |
| ≥ 7000                | 88.8                       | 88.9 | 89.0 | 89.0 | 89.1 | 89.1  | 89.1 | 89.1  | 89.1  | 89.1 | 89.2 | 89.2 | 89.2 | 89.2  | 89.2 | 89.2  |
| ≥ 6000                | 92.3                       | 92.4 | 92.5 | 92.5 | 92.6 | 92.6  | 92.6 | 92.6  | 92.6  | 92.6 | 92.7 | 92.7 | 92.7 | 92.7  | 92.7 | 92.7  |
| ≥ 5000                | 95.2                       | 95.4 | 95.4 | 95.5 | 95.5 | 95.5  | 95.6 | 95.6  | 95.6  | 95.6 | 95.6 | 95.6 | 95.6 | 95.7  | 95.7 | 95.7  |
| ≥ 4500                | 95.7                       | 95.9 | 96.0 | 96.0 | 96.1 | 96.1  | 96.1 | 96.1  | 96.1  | 96.2 | 96.2 | 96.2 | 96.2 | 96.2  | 96.2 | 96.2  |
| ≥ 4000                | 97.0                       | 97.2 | 97.3 | 97.4 | 97.4 | 97.4  | 97.5 | 97.5  | 97.5  | 97.5 | 97.5 | 97.5 | 97.5 | 97.6  | 97.6 | 97.6  |
| ≥ 3500                | 97.3                       | 97.5 | 97.6 | 97.7 | 97.7 | 97.7  | 97.8 | 97.8  | 97.8  | 97.8 | 97.8 | 97.8 | 97.8 | 97.9  | 97.9 | 97.9  |
| ≥ 3000                | 97.9                       | 98.1 | 98.2 | 98.3 | 98.4 | 98.4  | 98.4 | 98.4  | 98.4  | 98.4 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5 | 98.5  |
| ≥ 2500                | 98.1                       | 98.3 | 98.4 | 98.5 | 98.6 | 98.6  | 98.6 | 98.6  | 98.6  | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.7 | 98.7  |
| ≥ 2000                | 98.4                       | 98.7 | 98.8 | 98.9 | 99.0 | 99.0  | 99.0 | 99.1  | 99.1  | 99.1 | 99.1 | 99.1 | 99.2 | 99.2  | 99.2 | 99.2  |
| ≥ 1800                | 98.5                       | 98.7 | 98.9 | 98.9 | 99.0 | 99.0  | 99.1 | 99.1  | 99.1  | 99.1 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2 | 99.2  |
| ≥ 1500                | 98.5                       | 98.8 | 99.0 | 99.0 | 99.1 | 99.1  | 99.2 | 99.2  | 99.2  | 99.2 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 | 99.3  |
| ≥ 1200                | 98.6                       | 98.9 | 99.0 | 99.1 | 99.2 | 99.2  | 99.2 | 99.2  | 99.2  | 99.3 | 99.3 | 99.3 | 99.3 | 99.4  | 99.4 | 99.4  |
| ≥ 1000                | 98.7                       | 99.0 | 99.2 | 99.3 | 99.4 | 99.4  | 99.4 | 99.4  | 99.4  | 99.5 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6 | 99.7  |
| ≥ 900                 | 98.7                       | 99.0 | 99.2 | 99.3 | 99.4 | 99.4  | 99.5 | 99.5  | 99.5  | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.7 | 99.7  |
| ≥ 800                 | 98.7                       | 99.1 | 99.2 | 99.3 | 99.4 | 99.4  | 99.5 | 99.5  | 99.5  | 99.6 | 99.6 | 99.6 | 99.6 | 99.7  | 99.7 | 99.7  |
| ≥ 700                 | 98.7                       | 99.1 | 99.2 | 99.3 | 99.4 | 99.4  | 99.5 | 99.5  | 99.5  | 99.6 | 99.6 | 99.6 | 99.6 | 99.7  | 99.7 | 99.7  |
| ≥ 600                 | 98.7                       | 99.1 | 99.2 | 99.3 | 99.4 | 99.4  | 99.5 | 99.5  | 99.5  | 99.6 | 99.6 | 99.6 | 99.6 | 99.7  | 99.7 | 99.7  |
| ≥ 500                 | 98.7                       | 99.1 | 99.2 | 99.3 | 99.4 | 99.4  | 99.5 | 99.5  | 99.5  | 99.6 | 99.6 | 99.6 | 99.6 | 99.7  | 99.7 | 99.7  |
| ≥ 400                 | 98.7                       | 99.1 | 99.2 | 99.3 | 99.4 | 99.4  | 99.5 | 99.5  | 99.5  | 99.6 | 99.6 | 99.6 | 99.6 | 99.7  | 99.7 | 99.7  |
| ≥ 300                 | 98.8                       | 99.1 | 99.2 | 99.4 | 99.5 | 99.5  | 99.6 | 99.6  | 99.6  | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8 | 99.8  |
| ≥ 200                 | 98.8                       | 99.1 | 99.3 | 99.4 | 99.5 | 99.5  | 99.6 | 99.6  | 99.6  | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8 | 99.8  |
| ≥ 100                 | 98.8                       | 99.1 | 99.3 | 99.4 | 99.5 | 99.5  | 99.6 | 99.6  | 99.6  | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8 | 99.8  |
| ≥ 0                   | 98.8                       | 99.1 | 99.3 | 99.4 | 99.5 | 99.5  | 99.6 | 99.6  | 99.6  | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

29357

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

62-73

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS

| CEILING<br>FEET       | VISIBILITY STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
|                       | ≥10                      | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.9  | ≥.8  | ≥.7  | ≥.6  | ≥.5  | ≥0    |
| NO CEILING<br>≥ 20000 | 69.0                     | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1  |
| ≥ 18000               | 80.3                     | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5  |
| ≥ 16000               | 81.3                     | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4  |
| ≥ 14000               | 82.7                     | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9  |
| ≥ 12000               | 84.7                     | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7  |
| ≥ 10000               | 86.9                     | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0  |
| ≥ 9000                | 87.5                     | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7  |
| ≥ 8000                | 88.1                     | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3  |
| ≥ 7000                | 88.8                     | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0  |
| ≥ 6000                | 90.4                     | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6  |
| ≥ 5000                | 92.4                     | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.2 | 93.2  |
| ≥ 4500                | 93.2                     | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7  |
| ≥ 4000                | 95.0                     | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5  |
| ≥ 3500                | 95.1                     | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4  |
| ≥ 3000                | 96.1                     | 96.2 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6  |
| ≥ 2500                | 96.4                     | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1  |
| ≥ 2000                | 97.1                     | 97.5 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0  |
| ≥ 1800                | 97.1                     | 97.5 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.1  |
| ≥ 1500                | 97.6                     | 98.0 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7  |
| ≥ 1200                | 97.7                     | 98.1 | 98.2 | 98.3 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8  |
| ≥ 1000                | 97.8                     | 98.4 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2  |
| ≥ 900                 | 97.9                     | 98.4 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2  |
| ≥ 800                 | 97.9                     | 98.4 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3  |
| ≥ 700                 | 97.9                     | 98.4 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3  |
| ≥ 600                 | 97.9                     | 98.4 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3  |
| ≥ 500                 | 98.0                     | 98.5 | 98.6 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4  |
| ≥ 400                 | 98.0                     | 98.5 | 98.6 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4  |
| ≥ 300                 | 98.0                     | 98.5 | 98.6 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5  |
| ≥ 200                 | 98.0                     | 98.5 | 98.6 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.7  |
| ≥ 100                 | 98.0                     | 98.5 | 98.6 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.6 | 99.7 | 99.8  |
| ≥ 0                   | 98.0                     | 98.5 | 98.6 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.6 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2342

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061

STATION SITE NM

62-73

FFB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-24

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
|                 | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥¼   | ≥1/16 | ≥1/8 | ≥0   |
| NO CEILING      | 62.7                       | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7  | 62.7 | 62.7 |
| IV 20000        | 75.6                       | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6  | 75.6 | 75.6 |
| IV 18000        | 75.8                       | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8  | 75.8 | 75.8 |
| IV 16000        | 75.9                       | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9  | 75.9 | 75.9 |
| IV 14000        | 76.6                       | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6  | 76.6 | 76.6 |
| IV 12000        | 78.2                       | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2  | 78.2 | 78.2 |
| IV 10000        | 81.1                       | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1  | 81.1 | 81.1 |
| IV 9000         | 82.1                       | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1  | 82.1 | 82.1 |
| IV 8000         | 84.3                       | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3  | 84.3 | 84.3 |
| IV 7000         | 84.9                       | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9  | 84.9 | 84.9 |
| IV 6000         | 87.4                       | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4  | 87.4 | 87.4 |
| IV 5000         | 90.2                       | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2  | 90.2 | 90.2 |
| IV 4500         | 90.7                       | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8  | 90.8 | 90.8 |
| IV 4000         | 93.0                       | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1  | 93.1 | 93.1 |
| IV 3500         | 93.7                       | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7  | 93.7 | 93.7 |
| IV 3000         | 95.2                       | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6  | 95.6 | 95.6 |
| IV 2500         | 95.5                       | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8  | 95.8 | 95.8 |
| IV 2000         | 97.0                       | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8  | 97.8 | 97.8 |
| IV 1800         | 97.0                       | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8  | 97.8 | 97.8 |
| IV 1500         | 97.2                       | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4  | 98.4 | 98.4 |
| IV 1200         | 97.2                       | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4  | 98.4 | 98.4 |
| IV 1000         | 97.4                       | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8 | 98.8 |
| IV 900          | 97.4                       | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8 | 98.8 |
| IV 800          | 97.4                       | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8 | 98.8 |
| IV 700          | 97.4                       | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8 | 98.8 |
| IV 600          | 97.4                       | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8 | 98.8 |
| IV 500          | 97.4                       | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8 | 98.8 |
| IV 400          | 97.4                       | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8 | 98.8 |
| IV 300          | 97.4                       | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8 | 98.8 |
| IV 200          | 97.4                       | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8 | 98.8 |
| IV 100          | 97.4                       | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8 | 98.8 |
| IV 0            | 97.4                       | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8 | 98.8 |

TOTAL NUMBER OF OBSERVATIONS

2158

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

61-73

VAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-24

| CEILING<br>(FEET)     | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 16 | ≥ 4  | ≥ 0  |
| NO CEILING<br>≥ 20000 | 59.3                       | 59.4 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 18000<br>≥ 16000    | 75.0                       | 75.2 | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 14000<br>≥ 12000    | 76.5                       | 76.7 | 76.8 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 10000<br>≥ 9000     | 81.5                       | 81.6 | 81.7 | 81.7 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 8000<br>≥ 7000      | 83.2                       | 83.4 | 83.5 | 83.5 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 6000<br>≥ 5000      | 87.2                       | 87.5 | 87.6 | 87.6 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4500<br>≥ 4000      | 92.6                       | 92.9 | 93.0 | 93.0 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.9 |
| ≥ 3500<br>≥ 3000      | 96.6                       | 96.9 | 97.0 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 2500<br>≥ 2000      | 97.0                       | 97.5 | 97.6 | 97.6 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.6 |
| ≥ 1800<br>≥ 1500      | 97.2                       | 97.8 | 98.0 | 98.1 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200<br>≥ 1000      | 97.3                       | 97.9 | 98.1 | 98.2 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 900<br>≥ 800        | 97.6                       | 98.2 | 98.4 | 98.5 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 700<br>≥ 600        | 97.8                       | 98.3 | 98.4 | 98.5 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 500<br>≥ 400        | 97.8                       | 98.3 | 98.4 | 98.5 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 300<br>≥ 200        | 97.8                       | 98.3 | 98.4 | 98.5 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 100<br>0            | 97.8                       | 98.3 | 98.4 | 98.5 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS

2783

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061  
STATION

STALLION SITE NH  
STATION NAME

61-73  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-24

| CEILING<br>(FEET)     | VISIBILITY (STATUTE MILES) |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |
|-----------------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                       | ≥10                        | ≥6           | ≥5           | ≥4           | ≥3           | ≥2½          | ≥2           | ≥1½          | ≥1¼          | ≥1           | ≥¾           | ≥½           | ≥¼           | ≥5/16        | ≥4/16        | ≥0           |
| NO CEILING<br>≥ 20000 | 69.9<br>81.7               | 70.1<br>82.1 | 70.2<br>82.2 | 70.6<br>82.6 | 70.7<br>82.7 | 70.7<br>82.7 | 70.9<br>83.0 | 70.9<br>83.0 | 70.9<br>83.0 | 71.1<br>83.2 | 71.1<br>83.2 | 71.1<br>83.2 | 71.1<br>83.2 | 71.1<br>83.2 | 71.2<br>83.3 | 71.2<br>83.3 |
| ≥ 18000               | 81.9                       | 82.2         | 82.4         | 82.8         | 82.9         | 82.9         | 83.1         | 83.1         | 83.1         | 83.3         | 83.3         | 83.3         | 83.4         | 83.4         | 83.5         | 83.5         |
| ≥ 16000               | 82.6                       | 82.9         | 83.1         | 83.5         | 83.6         | 83.6         | 83.8         | 83.8         | 83.8         | 84.0         | 84.0         | 84.0         | 84.1         | 84.1         | 84.2         | 84.2         |
| ≥ 14000               | 83.4                       | 83.7         | 83.9         | 84.2         | 84.4         | 84.4         | 84.6         | 84.6         | 84.6         | 84.8         | 84.8         | 84.8         | 84.9         | 84.9         | 84.9         | 84.9         |
| ≥ 12000               | 85.0                       | 85.3         | 85.5         | 85.9         | 86.0         | 86.0         | 86.2         | 86.2         | 86.2         | 86.4         | 86.4         | 86.4         | 86.5         | 86.5         | 86.6         | 86.6         |
| ≥ 10000               | 87.3                       | 87.7         | 87.8         | 88.2         | 88.4         | 88.4         | 88.6         | 88.6         | 88.6         | 88.8         | 88.8         | 88.8         | 89.0         | 89.0         | 89.0         | 89.0         |
| ≥ 9000                | 88.4                       | 88.7         | 88.9         | 89.2         | 89.4         | 89.4         | 89.6         | 89.6         | 89.6         | 89.8         | 89.8         | 89.8         | 90.0         | 90.0         | 90.1         | 90.1         |
| ≥ 8000                | 89.0                       | 89.4         | 89.6         | 89.9         | 90.1         | 90.1         | 90.3         | 90.3         | 90.3         | 90.5         | 90.5         | 90.5         | 90.7         | 90.7         | 90.8         | 90.8         |
| ≥ 7000                | 89.4                       | 89.7         | 89.9         | 90.3         | 90.4         | 90.4         | 90.6         | 90.6         | 90.6         | 90.8         | 90.8         | 90.8         | 91.0         | 91.0         | 91.1         | 91.1         |
| ≥ 6000                | 92.5                       | 92.8         | 93.0         | 93.3         | 93.5         | 93.5         | 93.7         | 93.7         | 93.7         | 93.9         | 93.9         | 93.9         | 94.1         | 94.1         | 94.2         | 94.2         |
| ≥ 5000                | 95.7                       | 96.3         | 96.5         | 96.9         | 97.1         | 97.1         | 97.4         | 97.4         | 97.4         | 97.6         | 97.6         | 97.6         | 97.8         | 97.8         | 97.9         | 97.9         |
| ≥ 4500                | 96.1                       | 96.7         | 96.9         | 97.3         | 97.6         | 97.6         | 97.8         | 97.8         | 97.8         | 98.0         | 98.0         | 98.0         | 98.2         | 98.2         | 98.3         | 98.3         |
| ≥ 4000                | 97.0                       | 97.7         | 97.9         | 98.3         | 98.5         | 98.5         | 98.8         | 98.8         | 98.8         | 99.0         | 99.0         | 99.0         | 99.1         | 99.1         | 99.2         | 99.2         |
| ≥ 3500                | 97.1                       | 97.8         | 98.0         | 98.4         | 98.6         | 98.6         | 98.9         | 98.9         | 98.9         | 99.1         | 99.1         | 99.1         | 99.3         | 99.3         | 99.3         | 99.3         |
| ≥ 3000                | 97.2                       | 97.9         | 98.1         | 98.5         | 98.8         | 98.8         | 99.1         | 99.1         | 99.1         | 99.3         | 99.3         | 99.3         | 99.5         | 99.5         | 99.5         | 99.5         |
| ≥ 2500                | 97.3                       | 98.0         | 98.2         | 98.6         | 98.8         | 98.8         | 99.1         | 99.1         | 99.1         | 99.3         | 99.3         | 99.3         | 99.5         | 99.5         | 99.6         | 99.6         |
| ≥ 2000                | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 1800                | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 1500                | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 1200                | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 1000                | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 900                 | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 800                 | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 700                 | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 600                 | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 500                 | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 400                 | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 300                 | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 200                 | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 100                 | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 0                   | 97.6                       | 98.3         | 98.5         | 98.9         | 99.2         | 99.2         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS 2584

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

61-73

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING<br>(FEET)     | VISIBILITY STATUTE MILES |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
|                       | ≥10                      | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥1/16 | ≥0    | ≥0    |
| NO CEILING<br>≥ 20000 | 70.5                     | 70.9 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  |
| ≥ 18000               | 83.4                     | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  |
| ≥ 16000               | 83.6                     | 84.0 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  |
| ≥ 14000               | 84.4                     | 84.8 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  |
| ≥ 12000               | 85.6                     | 86.1 | 86.2 | 86.2 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.5  | 86.5  | 86.5  | 86.5  | 86.5  | 86.5  | 86.5  |
| ≥ 10000               | 87.7                     | 88.1 | 88.2 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5  | 88.5  | 88.5  | 88.5  | 88.5  | 88.5  | 88.5  |
| ≥ 9000                | 88.6                     | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.6 | 89.6 | 89.6 | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  |
| ≥ 8000                | 89.2                     | 89.6 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  |
| ≥ 7000                | 90.4                     | 90.9 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  |
| ≥ 6000                | 91.1                     | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  |
| ≥ 5000                | 94.4                     | 94.8 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  |
| ≥ 4500                | 97.6                     | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  |
| ≥ 4000                | 97.9                     | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| ≥ 3500                | 98.4                     | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 3000                | 98.5                     | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| ≥ 2500                | 98.6                     | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| ≥ 2000                | 98.6                     | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| ≥ 1800                | 98.7                     | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| ≥ 1500                | 98.8                     | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 1200                | 98.8                     | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 1000                | 99.1                     | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900                 | 99.1                     | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800                 | 99.1                     | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700                 | 99.1                     | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600                 | 99.1                     | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500                 | 99.1                     | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400                 | 99.1                     | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300                 | 99.1                     | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200                 | 99.1                     | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100                 | 99.1                     | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0                   | 99.1                     | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2647



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STATION NAME STATION NAME

61-73

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-24

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥5/16 | ≥4    | ≥0    |
| NO CEILING      | 77.7                       | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1  | 78.1  | 78.1  | 78.1  | 78.1  | 78.1  | 78.1  |
| IV 20000        | 85.5                       | 85.5 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  |
| IV 18000        | 85.5                       | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  |
| IV 16000        | 86.1                       | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.5  | 86.5  | 86.5  | 86.5  | 86.5  | 86.5  | 86.5  |
| IV 14000        | 86.7                       | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1  | 87.1  | 87.1  | 87.1  | 87.1  | 87.1  | 87.1  |
| IV 12000        | 88.0                       | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  |
| IV 10000        | 89.1                       | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  |
| IV 9000         | 89.6                       | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  |
| IV 8000         | 90.3                       | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7  | 90.7  | 90.7  | 90.7  | 90.7  | 90.7  | 90.7  |
| IV 7000         | 91.3                       | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  |
| IV 6000         | 96.2                       | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  |
| IV 5000         | 98.1                       | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| IV 4500         | 98.2                       | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| IV 4000         | 98.7                       | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| IV 3500         | 98.9                       | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 3000         | 99.2                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 2500         | 99.4                       | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 2000         | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800         | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500         | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 99.5                       | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2622

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

61-73

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

YEAR

ALL  
HOURS 1-24

| CEILING<br>FEET | VISIBILITY : STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 16  | ≥ 1   | ≥ 0   |
| NO CEILING      | 63.6                       | 63.7  | 63.7  | 63.7  | 63.7  | 63.7  | 63.7  | 63.7  | 63.7  | 63.7  | 63.7  | 63.7  | 63.7  | 63.7  | 63.7  | 63.7  |
| ≥ 20000         | 72.2                       | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  |
| ≥ 18000         | 72.2                       | 72.4  | 72.4  | 72.4  | 72.4  | 72.4  | 72.4  | 72.4  | 72.4  | 72.4  | 72.4  | 72.4  | 72.4  | 72.4  | 72.4  | 72.4  |
| ≥ 16000         | 72.8                       | 72.9  | 72.9  | 72.9  | 72.9  | 72.9  | 72.9  | 72.9  | 72.9  | 72.9  | 72.9  | 72.9  | 72.9  | 72.9  | 72.9  | 72.9  |
| ≥ 14000         | 74.1                       | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  |
| ≥ 12000         | 76.4                       | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  | 76.4  |
| ≥ 10000         | 82.8                       | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  |
| ≥ 9000          | 84.6                       | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  | 84.7  |
| ≥ 8000          | 87.4                       | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  |
| ≥ 7000          | 88.7                       | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  |
| ≥ 6000          | 94.8                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  |
| ≥ 5000          | 97.7                       | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  |
| ≥ 4500          | 98.0                       | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  |
| ≥ 4000          | 98.8                       | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  |
| ≥ 3500          | 99.0                       | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| ≥ 3000          | 99.6                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 2500          | 99.7                       | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| ≥ 2000          | 99.9                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 1800          | 99.9                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 1500          | 99.9                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 1200          | 99.9                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 1000          | 99.9                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 900           | 99.9                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 800           | 99.9                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 700           | 99.9                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 600           | 99.9                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 500           | 99.9                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 400           | 99.9                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 300           | 99.9                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200           | 99.9                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100           | 99.9                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0             | 99.9                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2609

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STATION SITE NM

01-73

AUG

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-24

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥¼   | ≥1/8 | ≥0   | ≥0   |
| NO CEILING      | 69.4                       | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 20000         | 76.7                       | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 18000         | 76.7                       | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 16000         | 76.9                       | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 14000         | 77.5                       | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 12000         | 79.4                       | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 10000         | 83.3                       | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 9000          | 84.4                       | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 8000          | 86.2                       | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 7000          | 87.9                       | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 6000          | 93.0                       | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 5000          | 97.1                       | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 4500          | 97.7                       | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 4000          | 99.3                       | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 3500          | 99.4                       | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3000          | 99.4                       | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2500          | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2000          | 99.8                       | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1800          | 99.8                       | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1500          | 99.8                       | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1200          | 99.8                       | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1000          | 99.8                       | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900           | 99.8                       | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800           | 99.8                       | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700           | 99.8                       | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600           | 99.8                       | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0             | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 2816

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

01-73

SFP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |        |      |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|------|
|                 | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 1/8 | ≥ 1/16 | ≥ 0  |
| NO CEILING      | 71.9                       | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9  | 71.9   | 71.9 |
| ≥ 20000         | 78.5                       | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5  | 78.5   | 78.5 |
| ≥ 18000         | 78.5                       | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5  | 78.5   | 78.5 |
| ≥ 16000         | 79.0                       | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0  | 79.0   | 79.0 |
| ≥ 14000         | 80.8                       | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8  | 80.8   | 80.8 |
| ≥ 12000         | 83.2                       | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2  | 83.2   | 83.2 |
| ≥ 10000         | 86.3                       | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3  | 86.3   | 86.3 |
| ≥ 9000          | 86.7                       | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7  | 86.7   | 86.7 |
| ≥ 8000          | 88.8                       | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8  | 88.8   | 88.8 |
| ≥ 7000          | 90.4                       | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4  | 90.4   | 90.4 |
| ≥ 6000          | 94.1                       | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1  | 94.1   | 94.1 |
| ≥ 5000          | 96.3                       | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3  | 96.3   | 96.3 |
| ≥ 4500          | 96.9                       | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9  | 96.9   | 96.9 |
| ≥ 4000          | 98.8                       | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8   | 98.8 |
| ≥ 3500          | 99.2                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2   | 99.2 |
| ≥ 3000          | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 2500          | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 2000          | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 1800          | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 1500          | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 1200          | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 1000          | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 900           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 800           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 700           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 600           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 500           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 400           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 300           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 200           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 100           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 0             | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |

TOTAL NUMBER OF OBSERVATIONS

2275

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

61-63-73

YEARS

207

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING<br>FEET       | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |        |      |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|------|
|                       | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 1/10 | ≥ 1/20 | ≥ 0  |
| NO CEILING<br>≥ 20000 | 77.5                       | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5   | 77.5   | 77.5 |
| IV 18000              | 86.6                       | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6   | 86.6   | 86.6 |
| IV 16000              | 86.7                       | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7   | 86.7   | 86.7 |
| IV 14000              | 87.7                       | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7   | 87.7   | 87.7 |
| IV 12000              | 89.6                       | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6   | 89.6   | 89.6 |
| IV 10000              | 91.7                       | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7   | 91.7   | 91.7 |
| IV 9000               | 92.1                       | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1   | 92.1   | 92.1 |
| IV 8000               | 92.4                       | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4   | 92.4   | 92.4 |
| IV 7000               | 92.5                       | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5   | 92.5   | 92.5 |
| IV 6000               | 94.2                       | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2   | 94.2   | 94.2 |
| IV 5000               | 96.1                       | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1   | 96.1   | 96.1 |
| IV 4500               | 97.1                       | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1   | 97.1   | 97.1 |
| IV 4000               | 98.0                       | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0   | 98.0   | 98.0 |
| IV 3500               | 98.1                       | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1   | 98.1   | 98.1 |
| IV 3000               | 98.2                       | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2   | 98.2   | 98.2 |
| IV 2500               | 98.5                       | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5   | 98.5   | 98.5 |
| IV 2000               | 98.6                       | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6   | 98.6   | 98.6 |
| IV 1800               | 98.6                       | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6   | 98.6   | 98.6 |
| IV 1500               | 98.6                       | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6   | 98.6   | 98.6 |
| IV 1200               | 98.6                       | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6   | 98.6   | 98.6 |
| IV 1000               | 98.8                       | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8   | 98.8   | 98.8 |
| IV 900                | 99.0                       | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0   | 99.0   | 99.0 |
| IV 800                | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1   | 99.1   | 99.1 |
| IV 700                | 99.2                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 600                | 99.2                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 500                | 99.2                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 400                | 99.2                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 300                | 99.2                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 200                | 99.2                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 100                | 99.2                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 0                  | 99.2                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 2302

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

01.63-73

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-24

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |       |      |       |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
|                 | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥¼   | ≥5/16 | ≥4   | ≥0    |
| NO CEILING      | 68.6                       | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7  | 68.7 | 68.7  |
| ≥ 20000         | 60.6                       | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7  | 80.7 | 80.7  |
| IV 18000        | 80.6                       | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7  | 80.7 | 80.7  |
| IV 16000        | 80.9                       | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0  | 81.0 | 81.0  |
| IV 14000        | 81.6                       | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7  | 81.7 | 81.7  |
| IV 12000        | 84.4                       | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5  | 84.5 | 84.5  |
| IV 10000        | 87.9                       | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0  | 88.0 | 88.0  |
| IV 9000         | 88.1                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2 | 88.2  |
| IV 8000         | 89.6                       | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7  | 89.7 | 89.7  |
| IV 7000         | 90.3                       | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5  | 90.5 | 90.5  |
| IV 6000         | 93.1                       | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3  | 93.3 | 93.3  |
| IV 5000         | 95.8                       | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0  | 96.0 | 96.0  |
| IV 4500         | 95.9                       | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1  | 96.1 | 96.1  |
| IV 4000         | 97.1                       | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3  |
| IV 3500         | 97.2                       | 97.3 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6  | 97.6 | 97.6  |
| IV 3000         | 97.9                       | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2  | 98.2 | 98.2  |
| IV 2500         | 98.1                       | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4  | 98.4 | 98.4  |
| IV 2000         | 98.4                       | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8 | 98.8  |
| IV 1800         | 98.4                       | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8 | 98.8  |
| IV 1500         | 98.5                       | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0 | 99.0  |
| IV 1200         | 98.9                       | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 | 99.3  |
| IV 1000         | 99.0                       | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.5 | 99.5  |
| IV 900          | 99.0                       | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6 | 99.6  |
| IV 800          | 99.0                       | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6 | 99.6  |
| IV 700          | 99.0                       | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6 | 99.6  |
| IV 600          | 99.0                       | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6 | 99.6  |
| IV 500          | 99.1                       | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  |
| IV 400          | 99.1                       | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  |
| IV 300          | 99.1                       | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  |
| IV 200          | 99.1                       | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  |
| IV 100          | 99.1                       | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  |
| IV 0            | 99.1                       | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2124

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

61-73

LFC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING<br>FEET | VISIBILITY STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 | ≥10                      | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.9  | ≥.8  | ≥.7  | ≥.6  | ≥.5  | ≥0   |
| NO CEILING      | 67.2                     | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 20000         | 78.8                     | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| IV 18000        | 78.8                     | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| IV 16000        | 79.5                     | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| IV 14000        | 80.4                     | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| IV 12000        | 82.2                     | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| IV 10000        | 83.8                     | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| IV 9000         | 84.2                     | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| IV 8000         | 85.2                     | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| IV 7000         | 86.4                     | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| IV 6000         | 89.1                     | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 5000         | 92.6                     | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| IV 4500         | 93.1                     | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 4000         | 94.9                     | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| IV 3500         | 95.3                     | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 3000         | 96.5                     | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 2500         | 96.9                     | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 2000         | 97.6                     | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 1800         | 97.6                     | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 1500         | 97.7                     | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 1200         | 97.7                     | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 1000         | 98.0                     | 98.4 | 98.5 | 98.6 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 |
| IV 900          | 98.0                     | 98.4 | 98.5 | 98.6 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 |
| IV 800          | 98.0                     | 98.4 | 98.5 | 98.6 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 |
| IV 700          | 98.0                     | 98.4 | 98.5 | 98.6 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 |
| IV 600          | 98.0                     | 98.4 | 98.5 | 98.6 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 |
| IV 500          | 98.0                     | 98.5 | 98.6 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.7 |
| IV 400          | 98.0                     | 98.5 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.6 | 99.8 |
| IV 300          | 98.0                     | 98.5 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.7 | 99.9 |
| IV 200          | 98.0                     | 98.5 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.7 | 99.9 |
| IV 100          | 98.0                     | 98.5 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.7 | 99.9 |
| IV 0            | 98.0                     | 98.5 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.7 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 2099

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

66,73

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS, U.S.T.

| CEILING<br>FEET | VISIBILITY STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 | ≥10                      | ≥6   | ≥5   | ≥4   | ≥3   | ≥2   | ≥2   | ≥1   | ≥1   | ≥1   | ≥1   | ≥1   | ≥1   | ≥1   | ≥1   | ≥1   |
| NO CEILING      | 62.5                     | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 20000         | 62.5                     | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IV 18000        | 62.5                     | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IV 16000        | 62.5                     | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IV 14000        | 62.5                     | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IV 12000        | 62.5                     | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IV 10000        | 62.5                     | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IV 9000         | 62.5                     | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IV 8000         | 62.5                     | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IV 7000         | 62.5                     | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IV 6000         | 62.5                     | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IV 5000         | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 4500         | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 4000         | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 3500         | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 3000         | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 2500         | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 2000         | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 1800         | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 1500         | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 1200         | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 1000         | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 900          | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 800          | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 700          | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 600          | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 500          | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 400          | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 300          | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 200          | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 100          | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 0            | 75.0                     | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |

TOTAL NUMBER OF OBSERVATIONS 9



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

64,66,73

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS

| CEILING<br>FEET | VISIBILITY: STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |        |      |      |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
|                 | ≥ 10                      | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 1/16 | ≥ .  | ≥ 0  |
| NO CEILING      | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 20000         | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 18000         | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 16000        | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 14000         | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 12000        | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 10000         | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 9000         | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 8000          | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 7000         | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 6000          | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 5000         | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 4500          | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 4000         | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 3500          | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 3000         | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 2500          | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 2000         | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 1800          | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 1500         | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 1200          | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 1000         | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 900           | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 800          | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 700           | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 600          | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 500           | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 400          | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 300           | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 200          | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| ≥ 100           | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |
| IV 0            | 80.0                      | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0   | 80.0 | 80.0 |

TOTAL NUMBER OF OBSERVATIONS 10

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

62-73

1964

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING<br>FEET | VISIBILITY STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
|                 | ≥10                      | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥¼   | ≥5/16 | ≥¼   | ≥0   |
| NO CEILING      | 67.6                     | 67.6 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.5  | 68.5 | 68.5 |
| ≥ 20000         | 76.1                     | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 77.1  | 77.1 | 77.1 |
| IV 18000        | 77.7                     | 77.7 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.6  | 78.6 | 78.6 |
| IV 16000        | 77.7                     | 77.7 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.6  | 78.6 | 78.6 |
| IV 14000        | 78.3                     | 78.3 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.2  | 79.2 | 79.2 |
| IV 12000        | 79.8                     | 79.8 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.7  | 80.7 | 80.7 |
| IV 10000        | 82.0                     | 82.0 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.9  | 82.9 | 82.9 |
| IV 9000         | 82.6                     | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.5  | 83.5 | 83.5 |
| IV 8000         | 83.3                     | 83.3 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.4  | 84.4 | 84.4 |
| IV 7000         | 84.7                     | 84.7 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.6  | 85.6 | 85.6 |
| IV 6000         | 86.2                     | 86.2 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.2  | 87.2 | 87.2 |
| IV 5000         | 88.7                     | 88.7 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.9  | 89.9 | 89.9 |
| IV 4500         | 89.3                     | 89.3 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.5  | 90.5 | 90.5 |
| IV 4000         | 90.8                     | 90.8 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 92.0  | 92.0 | 92.0 |
| IV 3500         | 91.4                     | 91.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.7  | 92.7 | 92.7 |
| IV 3000         | 92.4                     | 92.4 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.6  | 93.6 | 93.6 |
| IV 2500         | 93.0                     | 93.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.8  | 94.8 | 94.8 |
| IV 2000         | 93.6                     | 93.6 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.6  | 95.6 | 95.6 |
| IV 1800         | 93.6                     | 93.6 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.3  | 96.3 | 96.3 |
| IV 1500         | 93.9                     | 93.9 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.6  | 96.6 | 96.6 |
| IV 1200         | 94.2                     | 94.2 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.9  | 96.9 | 96.9 |
| IV 1000         | 94.3                     | 94.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2  | 97.2 | 97.2 |
| IV 900          | 94.3                     | 94.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2  | 97.2 | 97.2 |
| IV 800          | 94.3                     | 94.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2  | 97.2 | 97.2 |
| IV 700          | 94.3                     | 94.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2  | 97.2 | 97.2 |
| IV 600          | 94.3                     | 94.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2  | 97.2 | 97.2 |
| IV 500          | 94.3                     | 94.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2  | 97.2 | 97.2 |
| IV 400          | 94.3                     | 94.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2  | 97.2 | 97.2 |
| IV 300          | 94.3                     | 94.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2  | 97.2 | 97.2 |
| IV 200          | 94.3                     | 94.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2  | 97.2 | 97.2 |
| IV 100          | 94.3                     | 94.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2  | 97.2 | 97.2 |
| IV 0            | 94.3                     | 94.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2  | 97.2 | 97.2 |

TOTAL NUMBER OF OBSERVATIONS 327

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

62-73

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |       |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 1/16 | ≥ 1/8 | ≥ 0  |
| NO CEILING        | 71.9                       | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9   | 71.9  | 71.9 |
| ≥ 20000           | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4   | 82.4  | 82.4 |
| IV 18000          | 63.6                       | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6   | 63.6  | 63.6 |
| IV 16000          | 64.3                       | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3   | 64.3  | 64.3 |
| IV 14000          | 84.8                       | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8   | 84.8  | 84.8 |
| IV 12000          | 86.7                       | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7   | 86.7  | 86.7 |
| IV 10000          | 88.4                       | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4   | 88.4  | 88.4 |
| IV 9000           | 89.2                       | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2   | 89.2  | 89.2 |
| IV 8000           | 90.0                       | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0   | 90.0  | 90.0 |
| IV 7000           | 90.5                       | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5   | 90.5  | 90.5 |
| IV 6000           | 92.0                       | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0   | 92.0  | 92.0 |
| IV 5000           | 93.1                       | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2   | 93.2  | 93.2 |
| IV 4500           | 93.2                       | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3   | 93.3  | 93.3 |
| IV 4000           | 95.1                       | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2   | 95.2  | 95.2 |
| IV 3500           | 95.2                       | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3   | 95.3  | 95.3 |
| IV 3000           | 96.0                       | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.3   | 96.3  | 96.3 |
| IV 2500           | 96.1                       | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.4   | 96.4  | 96.4 |
| IV 2000           | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.6   | 97.6  | 97.6 |
| IV 1800           | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.6   | 97.6  | 97.6 |
| IV 1500           | 98.0                       | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.4   | 98.4  | 98.4 |
| IV 1200           | 98.0                       | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.4   | 98.4  | 98.4 |
| IV 1000           | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7 |
| IV 900            | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7 |
| IV 800            | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7 |
| IV 700            | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7 |
| IV 600            | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7 |
| IV 500            | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7 |
| IV 400            | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7 |
| IV 300            | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7 |
| IV 200            | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7 |
| IV 100            | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7 |
| IV 0              | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7 |

TOTAL NUMBER OF OBSERVATIONS 750

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STATION SITE NM

62-73

10/1

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |        |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 1/10 | ≥ 1/20 | ≥ 0  |
| NO CEILING        | 67.5                       | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5   | 67.5   | 67.5 |
| ≥ 20000           | 80.1                       | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1   | 80.1   | 80.1 |
| IV 18000          | 80.7                       | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7   | 80.7   | 80.7 |
| IV 16000          | 81.5                       | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5   | 81.5   | 81.5 |
| IV 14000          | 83.0                       | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0   | 83.0   | 83.0 |
| IV 12000          | 84.9                       | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9   | 84.9   | 84.9 |
| IV 10000          | 87.1                       | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1   | 87.1   | 87.1 |
| IV 9000           | 87.7                       | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7   | 87.7   | 87.7 |
| IV 8000           | 88.1                       | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1   | 88.1   | 88.1 |
| IV 7000           | 88.9                       | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9   | 88.9   | 88.9 |
| IV 6000           | 91.0                       | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0   | 91.0   | 91.0 |
| IV 5000           | 94.1                       | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2   | 94.2   | 94.2 |
| IV 4500           | 94.8                       | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8   | 94.8   | 94.8 |
| IV 4000           | 96.1                       | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3   | 96.3   | 96.3 |
| IV 3500           | 96.1                       | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3   | 96.3   | 96.3 |
| IV 3000           | 97.1                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2   | 97.2   | 97.2 |
| IV 2500           | 97.3                       | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3   | 97.3   | 97.3 |
| IV 2000           | 98.0                       | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1   | 98.1   | 98.1 |
| IV 1800           | 98.1                       | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3   | 98.3   | 98.3 |
| IV 1500           | 98.8                       | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9   | 98.9   | 98.9 |
| IV 1200           | 98.8                       | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9   | 98.9   | 98.9 |
| IV 1000           | 99.1                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 900            | 99.1                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 800            | 99.1                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 700            | 99.1                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 600            | 99.1                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 500            | 99.1                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 400            | 99.1                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 300            | 99.1                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 200            | 99.1                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 100            | 99.1                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |
| IV 0              | 99.1                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2   | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 747

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NH

62-73

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS

| CEILING<br>FEET. | VISIBILITY (STATUTE MILES). |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |
|------------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
|                  | ≥10                         | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ¾    | ¾    | ¾    | ¾    | ≥5 16 | ≥4   | ≥0   |
| NO CEILING       | 66.7                        | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7  | 66.7 | 66.7 |
| ≥ 20000          | 80.2                        | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4  | 80.4 | 80.4 |
| IV 18000         | 80.8                        | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0  | 81.0 | 81.0 |
| IV 16000         | 81.0                        | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2  | 81.2 | 81.2 |
| IV 14000         | 82.1                        | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3  | 82.3 | 82.3 |
| IV 12000         | 84.2                        | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4  | 84.4 | 84.4 |
| IV 10000         | 87.6                        | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8  | 87.8 | 87.8 |
| IV 9000          | 88.5                        | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7  | 88.7 | 88.7 |
| IV 8000          | 88.9                        | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1  | 89.1 | 89.1 |
| IV 7000          | 89.6                        | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8  | 89.8 | 89.8 |
| IV 6000          | 90.8                        | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0  | 91.0 | 91.0 |
| IV 5000          | 92.6                        | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8  | 92.8 | 92.8 |
| IV 4500          | 94.5                        | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7  | 94.7 | 94.7 |
| IV 4000          | 96.6                        | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8  | 96.8 | 96.8 |
| IV 3500          | 96.6                        | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8  | 96.8 | 96.8 |
| IV 3000          | 97.9                        | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1 | 98.1 |
| IV 2500          | 98.3                        | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5 | 98.5 |
| IV 2000          | 98.5                        | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.7 | 98.7 |
| IV 1800          | 98.5                        | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.7 | 98.7 |
| IV 1500          | 98.5                        | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.7 | 98.7 |
| IV 1200          | 98.5                        | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 |
| IV 1000          | 98.7                        | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| IV 900           | 98.7                        | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| IV 800           | 98.7                        | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| IV 700           | 98.7                        | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| IV 600           | 98.7                        | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| IV 500           | 98.7                        | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| IV 400           | 98.7                        | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| IV 300           | 98.7                        | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| IV 200           | 98.7                        | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| IV 100           | 98.7                        | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| 0                | 98.7                        | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS

469

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STATION NAME STALLION SITE NM

64-66,68-69,73 YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/16 | ≥ 1/8 | ≥ 0   |
| NO CEILING        | 89.5                       | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5   | 89.5  | 89.5  |
| ≥ 20000           | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 18000           | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 16000           | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 14000           | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 12000           | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 10000           | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 9000            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 8000            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 7000            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 6000            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 5000            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 4500            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 4000            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 3500            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 3000            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 2500            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 2000            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 1800            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 1500            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 1200            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 1000            | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 900             | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 800             | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 700             | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 600             | 94.7                       | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 500             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 19

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STATION SITE NM

04,66,68-69,73

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/16 | ≥ 1/8 | ≥ 0   |
| NO CEILING      | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| ≥ 20000         | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| ≥ 18000         | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| ≥ 16000         | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| ≥ 14000         | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| ≥ 12000         | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| ≥ 10000         | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| ≥ 9000          | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| ≥ 8000          | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| ≥ 7000          | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| ≥ 6000          | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| ≥ 5000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 12

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STATION SITE NM

64

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING<br>FEET       | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                       | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥5/16 | ≥¼    | ≥0    |
| NO CEILING<br>≥ 20000 | 50.0                       | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  |
| IN 18000              | 50.0                       | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  |
| IN 16000              | 50.0                       | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  |
| IN 14000              | 50.0                       | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  |
| IN 12000              | 66.7                       | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  |
| IN 10000              | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 9000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 8000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 7000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 6000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 5000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 4500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 4000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 3500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 3000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 2500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 2000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1800               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1200               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 900                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 800                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 700                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 600                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 500                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 400                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 300                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 200                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 100                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 0                  | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061  
STATION

STALLION SITE NM  
STATION NAME

04-0026R  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥1/16 | ≥0    | ≥0    |
| NO CEILING        | 50.0                       | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  |
| ≥ 20000           | 64.3                       | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  |
| IV 18000          | 64.3                       | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  |
| IV 16000          | 64.3                       | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  |
| IV 14000          | 64.3                       | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  |
| IV 12000          | 64.3                       | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  |
| IV 10000          | 78.6                       | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  |
| IV 9000           | 78.6                       | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  |
| IV 8000           | 78.6                       | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  |
| IV 7000           | 78.6                       | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  |
| IV 6000           | 78.6                       | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  |
| IV 5000           | 78.6                       | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  |
| IV 4500           | 78.6                       | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  |
| IV 4000           | 78.6                       | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  |
| IV 3500           | 78.6                       | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  |
| IV 3000           | 78.6                       | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  |
| IV 2500           | 78.6                       | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  |
| IV 2000           | 78.6                       | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  |
| IV 1800           | 78.6                       | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  |
| IV 1500           | 78.6                       | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  |
| IV 1200           | 78.6                       | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  |
| IV 1000           | 85.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 85.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 85.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 85.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 85.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 85.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 85.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 85.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 85.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 85.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 85.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 14

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STATION SITE NM

62-73

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CA00-0800  
HOURS 1-51

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
|                 | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥¼   | ≥1/16 | ≥0   | ≥0   |
| NO CEILING      | 62.9                       | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9  | 62.9 | 62.9 |
| ≥ 20000         | 73.9                       | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9  | 73.9 | 73.9 |
| IV 18000        | 73.9                       | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9  | 73.9 | 73.9 |
| IV 16000        | 73.9                       | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9  | 73.9 | 73.9 |
| IV 14000        | 74.9                       | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9  | 74.9 | 74.9 |
| IV 12000        | 77.0                       | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0  | 77.0 | 77.0 |
| IV 10000        | 80.8                       | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8  | 80.8 | 80.8 |
| IV 9000         | 82.5                       | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5  | 82.5 | 82.5 |
| IV 8000         | 84.5                       | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5  | 84.5 | 84.5 |
| IV 7000         | 84.9                       | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9  | 84.9 | 84.9 |
| IV 6000         | 87.6                       | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6  | 87.6 | 87.6 |
| IV 5000         | 90.0                       | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0  | 90.0 | 90.0 |
| IV 4500         | 90.7                       | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1  | 91.1 | 91.1 |
| IV 4000         | 92.1                       | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4  | 92.4 | 92.4 |
| IV 3500         | 92.4                       | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1  | 93.1 | 93.1 |
| IV 3000         | 94.2                       | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8  | 94.8 | 94.8 |
| IV 2500         | 94.2                       | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8  | 94.8 | 94.8 |
| IV 2000         | 95.2                       | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9  | 95.9 | 95.9 |
| IV 1800         | 95.2                       | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9  | 95.9 | 95.9 |
| IV 1500         | 95.2                       | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2  | 96.2 | 96.2 |
| IV 1200         | 95.5                       | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6  | 96.6 | 96.6 |
| IV 1000         | 96.2                       | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3 |
| IV 900          | 96.2                       | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3 |
| IV 800          | 96.2                       | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3 |
| IV 700          | 96.2                       | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3 |
| IV 600          | 96.2                       | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3 |
| IV 500          | 96.2                       | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3 |
| IV 400          | 96.2                       | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3 |
| IV 300          | 96.2                       | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3 |
| IV 200          | 96.2                       | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3 |
| IV 100          | 96.2                       | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3 |
| IV 0            | 96.2                       | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3 |

TOTAL NUMBER OF OBSERVATIONS

291

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STATION NAME STALLION SITE NM

62-73

YEARS

FEH MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CSGC-1100  
HOURS 15

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
|                 | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥¼   | ≥1/16 | ≥.1  | ≥0   |
| NO CEILING      | 66.0                       | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0  | 66.0 | 66.0 |
| ≥ 20000         | 76.9                       | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9  | 76.9 | 76.9 |
| IV 18000        | 77.2                       | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2  | 77.2 | 77.2 |
| IV 16000        | 77.2                       | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2  | 77.2 | 77.2 |
| IV 14000        | 78.0                       | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0  | 78.0 | 78.0 |
| IV 12000        | 79.0                       | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0  | 79.0 | 79.0 |
| IV 10000        | 81.8                       | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8  | 81.8 | 81.8 |
| IV 9000         | 83.1                       | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1  | 83.1 | 83.1 |
| IV 8000         | 86.1                       | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1  | 86.1 | 86.1 |
| IV 7000         | 86.4                       | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4  | 86.4 | 86.4 |
| IV 6000         | 89.5                       | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5  | 89.5 | 89.5 |
| IV 5000         | 91.5                       | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5  | 91.5 | 91.5 |
| IV 4500         | 91.7                       | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7  | 91.7 | 91.7 |
| IV 4000         | 93.4                       | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4  | 93.4 | 93.4 |
| IV 3500         | 94.0                       | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0  | 94.0 | 94.0 |
| IV 3000         | 94.9                       | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0  | 95.0 | 95.0 |
| IV 2500         | 95.0                       | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2  | 95.2 | 95.2 |
| IV 2000         | 96.5                       | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.4  | 97.4 | 97.4 |
| IV 1800         | 96.5                       | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.4  | 97.4 | 97.4 |
| IV 1500         | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |
| IV 1200         | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |
| IV 1000         | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |
| IV 900          | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |
| IV 800          | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |
| IV 700          | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |
| IV 600          | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |
| IV 500          | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |
| IV 400          | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |
| IV 300          | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |
| IV 200          | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |
| IV 100          | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |
| IV 0            | 96.6                       | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.1 | 98.1 |

TOTAL NUMBER OF OBSERVATIONS

685

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061 STATION 93061 STATION NAME

62-73 YEARS

FFB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1220-1400 HOURS

| CEILING<br>FEET       | VISIBILITY, STATUTE MILES |              |              |              |              |              |              |              |              |              |              |              |              |                |                |                |
|-----------------------|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|
|                       | ≥10                       | ≥6           | ≥5           | ≥4           | ≥3           | ≥2½          | ≥2           | ≥1½          | ≥1¼          | ≥1           | ≥¾           | ≥½           | ≥¼           | ≥16            | ≥1             | ≥0             |
| NO CEILING<br>≥ 20000 | 61.0<br>75.5              | 61.0<br>75.5 | 61.0<br>75.5 | 61.0<br>75.5 | 61.0<br>75.5 | 61.0<br>75.5 | 61.0<br>75.5 | 61.0<br>75.5 | 61.0<br>75.5 | 61.0<br>75.5 | 61.0<br>75.5 | 61.0<br>75.5 | 61.0<br>75.5 | 61.0<br>75.5   | 61.0<br>75.5   | 61.0<br>75.5   |
| IV 18000<br>16000     | 75.5<br>75.5              | 75.5<br>75.5 | 75.5<br>75.5 | 75.5<br>75.5 | 75.5<br>75.5 | 75.5<br>75.5 | 75.5<br>75.5 | 75.5<br>75.5 | 75.5<br>75.5 | 75.5<br>75.5 | 75.5<br>75.5 | 75.5<br>75.5 | 75.5<br>75.5 | 75.5<br>75.5   | 75.5<br>75.5   | 75.5<br>75.5   |
| IV 14000<br>12000     | 75.9<br>78.0              | 75.9<br>78.0 | 75.9<br>78.0 | 75.9<br>78.0 | 75.9<br>78.0 | 75.9<br>78.0 | 75.9<br>78.0 | 75.9<br>78.0 | 75.9<br>78.0 | 75.9<br>78.0 | 75.9<br>78.0 | 75.9<br>78.0 | 75.9<br>78.0 | 75.9<br>78.0   | 75.9<br>78.0   | 75.9<br>78.0   |
| IV 10000<br>9000      | 80.3<br>81.2              | 80.3<br>81.2 | 80.3<br>81.2 | 80.3<br>81.2 | 80.3<br>81.2 | 80.3<br>81.2 | 80.3<br>81.2 | 80.3<br>81.2 | 80.3<br>81.2 | 80.3<br>81.2 | 80.3<br>81.2 | 80.3<br>81.2 | 80.3<br>81.2 | 80.3<br>81.2   | 80.3<br>81.2   | 80.3<br>81.2   |
| IV 8000<br>7000       | 83.1<br>84.2              | 83.1<br>84.2 | 83.1<br>84.2 | 83.1<br>84.2 | 83.1<br>84.2 | 83.1<br>84.2 | 83.1<br>84.2 | 83.1<br>84.2 | 83.1<br>84.2 | 83.1<br>84.2 | 83.1<br>84.2 | 83.1<br>84.2 | 83.1<br>84.2 | 83.1<br>84.2   | 83.1<br>84.2   | 83.1<br>84.2   |
| IV 6000<br>5000       | 86.7<br>89.9              | 86.7<br>89.9 | 86.7<br>89.9 | 86.7<br>89.9 | 86.7<br>89.9 | 86.7<br>89.9 | 86.7<br>89.9 | 86.7<br>89.9 | 86.7<br>89.9 | 86.7<br>89.9 | 86.7<br>89.9 | 86.7<br>89.9 | 86.7<br>89.9 | 86.7<br>89.9   | 86.7<br>89.9   | 86.7<br>89.9   |
| IV 4500<br>4000       | 90.2<br>92.7              | 90.2<br>92.7 | 90.2<br>92.7 | 90.2<br>92.7 | 90.2<br>92.7 | 90.2<br>92.7 | 90.2<br>92.7 | 90.2<br>92.7 | 90.2<br>92.7 | 90.2<br>92.7 | 90.2<br>92.7 | 90.2<br>92.7 | 90.2<br>92.7 | 90.2<br>92.7   | 90.2<br>92.7   | 90.2<br>92.7   |
| IV 3500<br>3000       | 93.0<br>95.6              | 93.0<br>95.6 | 93.0<br>95.6 | 93.0<br>95.6 | 93.0<br>95.6 | 93.0<br>95.6 | 93.0<br>95.6 | 93.0<br>95.6 | 93.0<br>95.6 | 93.0<br>95.6 | 93.0<br>95.6 | 93.0<br>95.6 | 93.0<br>95.6 | 93.0<br>95.6   | 93.0<br>95.6   | 93.0<br>95.6   |
| IV 2500<br>2000       | 95.8<br>97.7              | 95.8<br>98.0 | 95.8<br>98.1 | 95.8<br>98.1 | 95.8<br>98.1 | 95.8<br>98.1 | 95.8<br>98.2 | 95.8<br>98.2 | 95.8<br>98.2 | 95.8<br>98.4 | 95.8<br>98.4 | 95.8<br>98.4 | 95.8<br>98.4 | 95.8<br>98.4   | 95.8<br>98.4   | 95.8<br>98.4   |
| IV 1800<br>1500       | 97.7<br>98.1              | 98.0<br>98.8 | 98.1<br>99.0 | 98.1<br>99.0 | 98.1<br>99.0 | 98.1<br>99.0 | 98.2<br>99.1 | 98.2<br>99.1 | 98.2<br>99.1 | 98.4<br>99.3 | 98.4<br>99.3 | 98.4<br>99.3 | 98.4<br>99.3 | 98.4<br>99.3   | 98.4<br>99.3   | 98.4<br>99.3   |
| IV 1200<br>1000       | 98.1<br>98.1              | 98.8<br>98.8 | 99.0<br>99.0 | 99.0<br>99.0 | 99.0<br>99.1 | 99.0<br>99.1 | 99.1<br>99.2 | 99.1<br>99.2 | 99.1<br>99.2 | 99.3<br>99.3 | 99.3<br>99.4 | 99.3<br>99.4 | 99.3<br>99.4 | 99.3<br>99.7   | 99.3<br>99.7   | 99.3<br>99.7   |
| IV 900<br>800         | 98.1<br>98.1              | 98.8<br>98.8 | 99.0<br>99.0 | 99.0<br>99.0 | 99.1<br>99.1 | 99.1<br>99.1 | 99.2<br>99.2 | 99.2<br>99.2 | 99.2<br>99.2 | 99.4<br>99.4 | 99.4<br>99.4 | 99.4<br>99.4 | 99.4<br>99.4 | 99.7<br>99.7   | 99.7<br>99.7   | 99.7<br>99.7   |
| IV 700<br>600         | 98.1<br>98.1              | 98.8<br>98.8 | 99.0<br>99.0 | 99.0<br>99.0 | 99.1<br>99.1 | 99.1<br>99.1 | 99.2<br>99.2 | 99.2<br>99.2 | 99.2<br>99.2 | 99.4<br>99.4 | 99.4<br>99.4 | 99.4<br>99.4 | 99.4<br>99.4 | 99.7<br>99.7   | 99.7<br>99.7   | 99.7<br>99.7   |
| IV 500<br>400         | 98.1<br>98.1              | 98.8<br>98.8 | 99.2<br>99.2 | 99.2<br>99.2 | 99.4<br>99.4 | 99.4<br>99.4 | 99.6<br>99.6 | 99.6<br>99.6 | 99.6<br>99.6 | 99.7<br>99.7 | 99.7<br>99.7 | 99.7<br>99.7 | 99.7<br>99.7 | 100.0<br>100.0 | 100.0<br>100.0 | 100.0<br>100.0 |
| IV 300<br>200         | 98.1<br>98.1              | 98.8<br>98.8 | 99.2<br>99.2 | 99.2<br>99.2 | 99.4<br>99.4 | 99.4<br>99.4 | 99.6<br>99.6 | 99.6<br>99.6 | 99.6<br>99.6 | 99.7<br>99.7 | 99.7<br>99.7 | 99.7<br>99.7 | 99.7<br>99.7 | 100.0<br>100.0 | 100.0<br>100.0 | 100.0<br>100.0 |
| IV 100<br>0           | 98.1<br>98.1              | 98.8<br>98.8 | 99.2<br>99.2 | 99.2<br>99.2 | 99.4<br>99.4 | 99.4<br>99.4 | 99.6<br>99.6 | 99.6<br>99.6 | 99.6<br>99.6 | 99.7<br>99.7 | 99.7<br>99.7 | 99.7<br>99.7 | 99.7<br>99.7 | 100.0<br>100.0 | 100.0<br>100.0 | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS 685

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

93063

STALLION SITE NM

62-73

115

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING<br>FEET       | VISIBILITY - STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1   | ≥1   | ≥1   | ≥1   | ≥1   | ≥1   | ≥1   | ≥1   |
| NO CEILING<br>≥ 20000 | 59.0                       | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 18000              | 74.7                       | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| IV 16000              | 74.9                       | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IV 14000              | 75.3                       | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| IV 12000              | 76.5                       | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| IV 10000              | 78.0                       | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| IV 9000               | 80.5                       | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| IV 8000               | 80.7                       | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 7000               | 82.3                       | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| IV 6000               | 82.7                       | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| IV 5000               | 84.3                       | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| IV 4500               | 88.3                       | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| IV 4000               | 89.5                       | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| IV 3500               | 93.0                       | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| IV 3000               | 93.9                       | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 2500               | 96.2                       | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 2000               | 96.9                       | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1800               | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1500               | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1200               | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1000               | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 900                | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 800                | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 700                | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 600                | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 500                | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 400                | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 300                | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 200                | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 100                | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 0                  | 98.4                       | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS

446

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061 STATION SITE NM  
STATION NAME

03-68

YEARS

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING<br>FEET | VISIBILITY STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |
|-----------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|                 | ≥10                      | ≥6    | ≥5    | ≥4    | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1    | ≥0.5  | ≥0.25 | ≥0.15 | ≥0.1  | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING      | 90.5                     | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5   | 90.5  |
| ≥ 20000         | 90.5                     | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5   | 90.5  |
| ≥ 18000         | 90.5                     | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5   | 90.5  |
| ≥ 16000         | 90.5                     | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5   | 90.5  |
| ≥ 14000         | 90.5                     | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5   | 90.5  |
| ≥ 12000         | 95.2                     | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2  |
| ≥ 10000         | 95.2                     | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2  |
| ≥ 9000          | 95.2                     | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2  |
| ≥ 8000          | 95.2                     | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2  |
| ≥ 7000          | 95.2                     | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2  |
| ≥ 6000          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 5000          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 4500          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 4000          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 3500          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 3000          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 2500          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 2000          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1800          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1500          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1200          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1000          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 900           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 800           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 700           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 600           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 500           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 400           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 300           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 200           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 100           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 0             | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

21

USAF ET/C

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

04-67

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2126-2300  
HOURS 1-5

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |         |       |         |         |       |       |       |       |       |        |       |
|-----------------|----------------------------|-------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|-------|--------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2 1/2 | ≥ 2   | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1   | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0   |
| NO CEILING      | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| ≥ 20000         | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| IV 18000        | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| IV 16000        | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| IV 14000        | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| IV 12000        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 10000        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 9000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 8000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 7000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 6000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 5000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 4500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 4000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 3500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

10

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

07-68, 71

AM

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS

| CEILING<br>(FEET) | VISIBILITY STATUTE MILES |       |       |       |       |         |       |         |         |       |       |       |       |       |        |       |
|-------------------|--------------------------|-------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|-------|--------|-------|
|                   | ≥ 10                     | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2 1/2 | ≥ 2   | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1   | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0   |
| NO CEILING        | 70.0                     | 70.0  | 70.0  | 70.0  | 70.0  | 70.0    | 70.0  | 70.0    | 70.0    | 70.0  | 70.0  | 70.0  | 70.0  | 70.0  | 70.0   | 70.0  |
| ≥ 20000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 18000          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 16000          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 14000          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 12000          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 10000          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 9000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 8000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 7000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 6000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 5000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 4500           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 4000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 3500           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 3000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 2500           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 2000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1800           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1500           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1200           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 900            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 800            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 700            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 600            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 500            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 400            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 300            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 200            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 100            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 0              | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 10



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

92061 STATION NAME

65-67, 71, 73

WAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS LST

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1.4 | ≥ 1   | ≥ .4  | ≥ .3  | ≥ .25 | ≥ .16 | ≥ .4  | ≥ 0   |
| NO CEILING      | 75.9                       | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  |
| ≥ 20000         | 79.3                       | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  |
| IV 18000        | 79.3                       | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  |
| IV 16000        | 79.3                       | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  |
| IV 14000        | 79.3                       | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  |
| IV 12000        | 82.8                       | 82.8  | 82.8  | 82.8  | 82.8  | 82.8  | 82.8  | 82.8  | 82.8  | 82.8  | 82.8  | 82.8  | 82.8  | 82.8  | 82.8  | 82.8  |
| IV 10000        | 86.2                       | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  |
| IV 9000         | 86.2                       | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  |
| IV 8000         | 89.7                       | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  |
| IV 7000         | 89.7                       | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  |
| IV 6000         | 89.7                       | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  |
| IV 5000         | 89.7                       | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  |
| IV 4500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

29

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STATION STALLION SITE NM

61-73 YEARS

MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800 GROUP (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 16 | ≥ 1  | ≥ 0  |
| NO CEILING        | 64.8                       | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 65.0 | 65.0 |
| ≥ 20000           | 74.6                       | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.9 | 74.9 |
| ≥ 18000           | 74.9                       | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥ 16000           | 75.4                       | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.6 | 75.6 |
| ≥ 14000           | 76.1                       | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.4 | 76.4 |
| ≥ 12000           | 78.8                       | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 79.1 | 79.1 |
| ≥ 10000           | 84.5                       | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.7 | 84.7 |
| ≥ 9000            | 85.5                       | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.7 | 85.7 |
| ≥ 8000            | 86.7                       | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 |
| ≥ 7000            | 87.4                       | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.7 | 87.7 |
| ≥ 6000            | 90.4                       | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.6 | 90.6 |
| ≥ 5000            | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.6 | 92.6 |
| ≥ 4500            | 94.3                       | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.6 | 94.6 |
| ≥ 4000            | 95.6                       | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.8 | 95.8 |
| ≥ 3500            | 96.6                       | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 |
| ≥ 3000            | 97.0                       | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.2 | 97.2 |
| ≥ 2500            | 97.0                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 |
| ≥ 2000            | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.5 | 97.5 |
| ≥ 1800            | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.5 | 97.5 |
| ≥ 1500            | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.8 | 97.8 |
| ≥ 1200            | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.0 | 98.0 |
| ≥ 1000            | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.0 | 98.0 |
| ≥ 900             | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.0 | 98.0 |
| ≥ 800             | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.0 | 98.0 |
| ≥ 700             | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.0 | 98.0 |
| ≥ 600             | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.0 | 98.0 |
| ≥ 500             | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.0 | 98.0 |
| ≥ 400             | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.0 | 98.0 |
| ≥ 300             | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.0 | 98.0 |
| ≥ 200             | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.0 | 98.0 |
| ≥ 100             | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.0 | 98.0 |
| ≥ 0               | 97.2                       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.0 | 98.0 |

TOTAL NUMBER OF OBSERVATIONS 404

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NH

01-73

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |       |       |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
|                 | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING      | 63.4                       | 63.5 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7   | 63.7  | 63.7  |
| ≥ 20000         | 78.4                       | 78.5 | 78.5 | 78.5 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1   | 79.1  | 79.1  |
| IV 18000        | 78.4                       | 78.6 | 78.8 | 78.8 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1   | 79.1  | 79.1  |
| IV 16000        | 79.4                       | 79.7 | 79.8 | 79.8 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1   | 80.1  | 80.1  |
| IV 14000        | 80.3                       | 80.9 | 80.6 | 80.6 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9   | 80.9  | 80.9  |
| IV 12000        | 82.4                       | 82.7 | 82.8 | 82.8 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3   | 83.3  | 83.3  |
| IV 10000        | 85.1                       | 85.3 | 85.5 | 85.5 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9   | 85.9  | 85.9  |
| IV 9000         | 86.3                       | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1   | 87.1  | 87.1  |
| IV 8000         | 87.2                       | 87.9 | 87.6 | 87.6 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1   | 88.1  | 88.1  |
| IV 7000         | 87.9                       | 88.2 | 88.3 | 88.3 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8   | 88.8  | 88.8  |
| IV 6000         | 89.6                       | 90.0 | 90.1 | 90.1 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6   | 90.6  | 90.6  |
| IV 5000         | 92.3                       | 92.6 | 92.7 | 92.7 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3   | 93.3  | 93.3  |
| IV 4500         | 92.8                       | 93.3 | 93.4 | 93.4 | 93.6 | 93.6 | 93.8 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0   | 94.0  | 94.0  |
| IV 4000         | 94.6                       | 95.0 | 95.2 | 95.2 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7   | 95.7  | 95.7  |
| IV 3500         | 95.3                       | 95.8 | 96.0 | 96.1 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8   | 96.8  | 96.8  |
| IV 3000         | 96.4                       | 97.0 | 97.1 | 97.2 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9   | 97.9  | 97.9  |
| IV 2500         | 96.6                       | 97.5 | 97.6 | 97.7 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4   | 98.4  | 98.4  |
| IV 2000         | 96.8                       | 97.6 | 97.9 | 98.0 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8   | 98.8  | 98.8  |
| IV 1800         | 96.8                       | 97.6 | 97.9 | 98.0 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8   | 98.8  | 98.8  |
| IV 1500         | 96.9                       | 97.7 | 98.0 | 98.2 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0   | 99.0  | 99.0  |
| IV 1200         | 96.9                       | 97.7 | 98.0 | 98.2 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0   | 99.0  | 99.0  |
| IV 1000         | 97.3                       | 98.2 | 98.3 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5   | 99.5  | 99.5  |
| IV 900          | 97.3                       | 98.2 | 98.3 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5   | 99.5  | 99.5  |
| IV 800          | 97.3                       | 98.2 | 98.3 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5   | 99.5  | 99.5  |
| IV 700          | 97.3                       | 98.2 | 98.3 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5   | 99.5  | 99.5  |
| IV 600          | 97.3                       | 98.2 | 98.3 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5   | 99.5  | 99.5  |
| IV 500          | 97.3                       | 98.2 | 98.3 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5   | 99.5  | 99.5  |
| IV 400          | 97.3                       | 98.2 | 98.3 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5   | 99.5  | 99.5  |
| IV 300          | 97.3                       | 98.2 | 98.3 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5   | 99.5  | 99.5  |
| IV 200          | 97.3                       | 98.2 | 98.3 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5   | 99.5  | 99.5  |
| IV 100          | 97.3                       | 98.2 | 98.3 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5   | 99.5  | 99.5  |
| IV 0            | 97.3                       | 98.2 | 98.3 | 98.4 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

866

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

61-73

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS LST

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥⅓   | ≥⅓   | ≥⅓   | ≥0   |
| NO CEILING        | 55.5                       | 55.6 | 55.6 | 55.6 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 20000           | 72.4                       | 72.7 | 72.8 | 72.8 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| IV 18000          | 72.7                       | 72.9 | 73.0 | 73.0 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| IV 16000          | 73.0                       | 73.3 | 73.4 | 73.4 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 14000          | 74.0                       | 74.2 | 74.3 | 74.3 | 74.5 | 74.5 | 74.7 | 74.7 | 74.7 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 12000          | 75.3                       | 75.6 | 75.7 | 75.7 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 10000          | 77.4                       | 77.7 | 77.8 | 77.8 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 | 78.7 | 78.7 | 79.0 | 79.0 | 79.0 |
| IV 9000           | 78.6                       | 78.8 | 79.0 | 79.0 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.9 | 79.9 | 79.9 | 79.9 | 80.1 | 80.1 | 80.1 |
| IV 8000           | 79.3                       | 79.5 | 79.7 | 79.7 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.6 | 80.6 | 80.6 | 80.6 | 80.8 | 80.8 | 80.8 |
| IV 7000           | 80.0                       | 80.2 | 80.3 | 80.3 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.5 | 81.5 | 81.5 |
| IV 6000           | 84.0                       | 84.2 | 84.3 | 84.3 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 85.3 | 85.3 | 85.3 | 85.3 | 85.6 | 85.6 | 85.6 |
| IV 5000           | 89.3                       | 89.5 | 89.7 | 89.7 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.8 | 90.8 | 90.8 | 90.8 | 91.0 | 91.0 | 91.2 |
| IV 4500           | 91.5                       | 91.7 | 91.9 | 91.9 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 93.0 | 93.0 | 93.0 | 93.0 | 93.3 | 93.3 | 93.4 |
| IV 4000           | 93.5                       | 93.8 | 94.0 | 94.0 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 95.2 | 95.2 | 95.2 | 95.2 | 95.5 | 95.5 | 95.6 |
| IV 3500           | 94.8                       | 95.1 | 95.2 | 95.2 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.9 |
| IV 3000           | 95.8                       | 96.2 | 96.3 | 96.3 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.9 |
| IV 2500           | 96.5                       | 96.8 | 97.0 | 97.0 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.6 |
| IV 2000           | 97.1                       | 97.4 | 97.7 | 97.7 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 |
| IV 1800           | 97.1                       | 97.4 | 97.7 | 97.7 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 |
| IV 1500           | 97.1                       | 97.4 | 97.7 | 97.7 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 |
| IV 1200           | 97.1                       | 97.4 | 97.7 | 97.7 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 |
| IV 1000           | 97.3                       | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 |
| IV 900            | 97.3                       | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 |
| IV 800            | 97.3                       | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 |
| IV 700            | 97.3                       | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 |
| IV 600            | 97.3                       | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 |
| IV 500            | 97.3                       | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 |
| IV 400            | 97.3                       | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 |
| IV 300            | 97.3                       | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 |
| IV 200            | 97.3                       | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 |
| IV 100            | 97.3                       | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 |
| IV 0              | 97.3                       | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 840

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

61-73

HAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS LST

| CEILING<br>FEET       | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |       |       |       |        |       |       |
|-----------------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
|                       | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2 1/2 | ≥ 2  | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1  | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 5/16 | ≥ 1/8 | ≥ 0   |
| NO CEILING<br>≥ 20000 | 53.4                       | 53.6 | 53.7 | 53.7 | 53.9 | 53.9    | 53.9 | 53.9    | 53.9    | 54.3 | 54.3  | 54.3  | 54.3  | 54.3   | 54.3  | 54.3  |
| IV 18000              | 72.8                       | 72.9 | 73.1 | 73.1 | 73.3 | 73.3    | 73.3 | 73.3    | 73.3    | 73.7 | 73.7  | 73.7  | 73.7  | 73.7   | 73.7  | 73.7  |
| IV 16000              | 72.8                       | 72.9 | 73.1 | 73.1 | 73.3 | 73.3    | 73.3 | 73.3    | 73.3    | 73.7 | 73.7  | 73.7  | 73.7  | 73.7   | 73.7  | 73.7  |
| IV 14000              | 74.2                       | 74.4 | 74.6 | 74.6 | 74.8 | 74.8    | 74.8 | 74.8    | 74.8    | 75.1 | 75.1  | 75.1  | 75.1  | 75.1   | 75.1  | 75.1  |
| IV 12000              | 75.2                       | 75.5 | 75.7 | 75.7 | 75.9 | 75.9    | 75.9 | 75.9    | 75.9    | 76.2 | 76.2  | 76.2  | 76.4  | 76.4   | 76.4  | 76.4  |
| IV 10000              | 78.2                       | 78.4 | 78.6 | 78.6 | 78.8 | 78.8    | 78.8 | 78.8    | 78.8    | 79.2 | 79.2  | 79.2  | 79.3  | 79.3   | 79.3  | 79.3  |
| IV 9000               | 78.4                       | 78.6 | 78.8 | 78.8 | 79.0 | 79.0    | 79.0 | 79.0    | 79.0    | 79.3 | 79.3  | 79.3  | 79.5  | 79.5   | 79.5  | 79.5  |
| IV 8000               | 79.2                       | 79.3 | 79.5 | 79.5 | 79.7 | 79.7    | 79.7 | 79.7    | 79.7    | 80.1 | 80.1  | 80.1  | 80.3  | 80.3   | 80.3  | 80.3  |
| IV 7000               | 80.3                       | 80.4 | 80.6 | 80.6 | 80.8 | 80.8    | 80.8 | 80.8    | 80.8    | 81.2 | 81.2  | 81.2  | 81.4  | 81.4   | 81.4  | 81.4  |
| IV 6000               | 85.6                       | 85.7 | 85.9 | 85.9 | 86.1 | 86.1    | 86.1 | 86.1    | 86.1    | 86.5 | 86.5  | 86.5  | 86.7  | 86.7   | 86.7  | 86.7  |
| IV 5000               | 90.5                       | 90.7 | 90.9 | 90.9 | 91.0 | 91.0    | 91.0 | 91.0    | 91.0    | 91.6 | 91.6  | 91.6  | 91.8  | 91.8   | 91.8  | 91.8  |
| IV 4500               | 92.0                       | 92.1 | 92.3 | 92.3 | 92.5 | 92.5    | 92.5 | 92.5    | 92.5    | 93.1 | 93.1  | 93.1  | 93.2  | 93.2   | 93.2  | 93.2  |
| IV 4000               | 94.0                       | 94.1 | 94.3 | 94.3 | 94.5 | 94.5    | 94.5 | 94.5    | 94.5    | 95.1 | 95.1  | 95.1  | 95.2  | 95.2   | 95.2  | 95.2  |
| IV 3500               | 95.4                       | 95.8 | 96.0 | 96.0 | 96.2 | 96.2    | 96.2 | 96.2    | 96.2    | 96.7 | 96.7  | 96.7  | 96.9  | 96.9   | 96.9  | 96.9  |
| IV 3000               | 96.9                       | 97.4 | 97.6 | 97.6 | 97.8 | 97.8    | 97.8 | 97.8    | 97.8    | 98.4 | 98.4  | 98.4  | 98.5  | 98.5   | 98.5  | 98.5  |
| IV 2500               | 97.6                       | 98.2 | 98.4 | 98.4 | 98.5 | 98.5    | 98.5 | 98.5    | 98.5    | 99.1 | 99.1  | 99.1  | 99.3  | 99.3   | 99.3  | 99.3  |
| IV 2000               | 97.6                       | 98.4 | 98.5 | 98.5 | 98.7 | 98.7    | 98.7 | 98.7    | 98.7    | 99.3 | 99.3  | 99.3  | 99.5  | 99.5   | 99.5  | 99.5  |
| IV 1800               | 97.6                       | 98.4 | 98.5 | 98.5 | 98.7 | 98.7    | 98.7 | 98.7    | 98.7    | 99.3 | 99.3  | 99.3  | 99.5  | 99.5   | 99.5  | 99.5  |
| IV 1500               | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.5 | 99.5  | 99.5  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 1200               | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.5 | 99.5  | 99.5  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 1000               | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.6 | 99.6  | 99.6  | 99.8  | 99.8   | 99.8  | 99.8  |
| IV 900                | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.6 | 99.6  | 99.6  | 99.8  | 99.8   | 99.8  | 99.8  |
| IV 800                | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.6 | 99.6  | 99.6  | 99.8  | 99.8   | 99.8  | 99.8  |
| IV 700                | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.6 | 99.6  | 99.6  | 99.8  | 99.8   | 99.8  | 99.8  |
| IV 600                | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.6 | 99.6  | 99.6  | 99.8  | 99.8   | 99.8  | 99.8  |
| IV 500                | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.6 | 99.6  | 99.6  | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400                | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.6 | 99.6  | 99.6  | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300                | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.6 | 99.6  | 99.6  | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200                | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.6 | 99.6  | 99.6  | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100                | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.6 | 99.6  | 99.6  | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0                  | 98.0                       | 98.5 | 98.7 | 98.7 | 98.9 | 98.9    | 98.9 | 98.9    | 98.9    | 99.6 | 99.6  | 99.6  | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

347

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061  
STATION

STALLION SITE NM  
STATION NAME

64-68,71,73  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1000-2000  
HOURS LST

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥10   | ≥¼    | ≥0    |
| NO CEILING        | 55.3                       | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  |
| ≥ 20000           | 73.7                       | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  |
| ≥ 18000           | 73.7                       | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  |
| ≥ 16000           | 73.7                       | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  |
| ≥ 14000           | 73.7                       | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  |
| ≥ 12000           | 84.2                       | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  |
| ≥ 10000           | 86.8                       | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  |
| ≥ 9000            | 86.8                       | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  |
| ≥ 8000            | 86.8                       | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  |
| ≥ 7000            | 86.8                       | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  |
| ≥ 6000            | 92.1                       | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  |
| ≥ 5000            | 92.1                       | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  |
| ≥ 4500            | 92.1                       | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  |
| ≥ 4000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 38

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061  
STATION

STALLION SITE NM  
STATION NAME

66-68, 71, 73  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ¾     | ¾     | ¾     | ¾     | ¾     | ≥0    |
| NO CEILING      | 74.1                       | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  |
| IV 20000        | 77.8                       | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| IV 18000        | 77.8                       | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| IV 16000        | 77.8                       | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| IV 14000        | 85.2                       | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  |
| IV 12000        | 92.6                       | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  |
| IV 10000        | 92.6                       | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  |
| IV 9000         | 92.6                       | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  |
| IV 8000         | 92.6                       | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  |
| IV 7000         | 92.6                       | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  |
| IV 6000         | 96.3                       | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  |
| IV 5000         | 96.3                       | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  |
| IV 4500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 27

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

92061 STATION NAME

70

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/10 | ≥ .   | ≥ 0   |
| NO CEILING      | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 20000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 18000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 16000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 14000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 12000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 10000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 9000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 8000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 7000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 6000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 5000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STATION SITE NM

64-68,73

YEARS

5K

0500

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥0.1  | ≥0    | ≥0    |
| NO CEILING        | 80.6                       | 80.6  | 80.6  | 80.6  | 80.6  | 80.6  | 80.6  | 80.6  | 80.6  | 80.6  | 80.6  | 80.6  | 80.6  | 80.6  | 80.6  | 80.6  |
| ≥ 20000           | 96.8                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IV 18000          | 96.8                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IV 16000          | 96.8                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IV 14000          | 96.8                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IV 12000          | 96.8                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IV 10000          | 96.8                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IV 9000           | 96.8                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IV 8000           | 96.8                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IV 7000           | 96.8                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IV 6000           | 96.8                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IV 5000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

31

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

93001

STALLION SITE NM

61-73

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS

| CEILING<br>FEET       | VISIBILITY - STATUTE MILES |      |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-----------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                       | ≥ 10                       | ≥ 6  | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/16 | ≥ .   | ≥ 0   |
| NO CEILING<br>≥ 20000 | 75.4                       | 75.4 | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7   | 75.7  | 75.7  |
| IV 18000              | 83.9                       | 83.9 | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1   | 84.1  | 84.1  |
| IV 16000              | 84.1                       | 84.1 | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3   | 84.3  | 84.3  |
| IV 14000              | 84.8                       | 84.8 | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1   | 85.1  | 85.1  |
| IV 12000              | 86.0                       | 86.0 | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3   | 86.3  | 86.3  |
| IV 10000              | 88.0                       | 88.0 | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2   | 88.2  | 88.2  |
| IV 9000               | 91.3                       | 91.3 | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6   | 91.6  | 91.6  |
| IV 8000               | 92.8                       | 92.8 | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0   | 93.0  | 93.0  |
| IV 7000               | 94.0                       | 94.0 | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2   | 94.2  | 94.2  |
| IV 6000               | 94.5                       | 94.5 | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| IV 5000               | 95.4                       | 95.4 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7   | 95.7  | 95.7  |
| IV 4500               | 97.6                       | 97.6 | 98.3  | 98.3  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6   | 98.6  | 98.6  |
| IV 4000               | 98.1                       | 98.1 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| IV 3500               | 98.8                       | 98.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| IV 3000               | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2500               | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2000               | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1800               | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1500               | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1200               | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1000               | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900                | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800                | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700                | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600                | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500                | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400                | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300                | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200                | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100                | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0                  | 99.0                       | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

413

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

61-73

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0800-1100

| CEILING<br>FEET       | VISIBILITY - STATUTE MILES |      |      |      |      |       |      |       |      |       |       |       |       |       |        |       |
|-----------------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|-------|-------|-------|-------|--------|-------|
|                       | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1  | ≥ .5  | ≥ .25 | ≥ .15 | ≥ .1  | ≥ .05 | ≥ .025 | ≥ 0   |
| NO CEILING<br>≥ 20000 | 73.2                       | 73.4 | 73.4 | 73.8 | 74.0 | 74.0  | 74.3 | 74.3  | 74.3 | 74.4  | 74.4  | 74.4  | 74.4  | 74.4  | 74.4   | 74.4  |
| ≥ 18000               | 85.4                       | 85.7 | 85.7 | 86.0 | 86.3 | 86.3  | 86.6 | 86.6  | 86.6 | 86.8  | 86.8  | 86.8  | 86.8  | 86.8  | 86.8   | 86.8  |
| ≥ 16000               | 85.9                       | 86.2 | 86.2 | 86.5 | 86.8 | 86.8  | 87.1 | 87.1  | 87.1 | 87.3  | 87.3  | 87.3  | 87.3  | 87.3  | 87.3   | 87.3  |
| ≥ 14000               | 86.4                       | 86.6 | 86.6 | 87.0 | 87.3 | 87.3  | 87.6 | 87.6  | 87.6 | 87.7  | 87.7  | 87.7  | 87.7  | 87.7  | 87.7   | 87.7  |
| ≥ 12000               | 87.9                       | 88.1 | 88.1 | 88.5 | 88.7 | 88.7  | 89.1 | 89.1  | 89.1 | 89.2  | 89.2  | 89.2  | 89.2  | 89.2  | 89.2   | 89.2  |
| ≥ 10000               | 90.6                       | 90.8 | 90.8 | 91.2 | 91.4 | 91.4  | 91.8 | 91.8  | 91.8 | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9   | 91.9  |
| ≥ 9000                | 91.8                       | 92.0 | 92.0 | 92.4 | 92.6 | 92.6  | 93.0 | 93.0  | 93.0 | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1   | 93.1  |
| ≥ 8000                | 92.4                       | 92.6 | 92.6 | 93.0 | 93.3 | 93.3  | 93.6 | 93.6  | 93.6 | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8   | 93.8  |
| ≥ 7000                | 92.8                       | 93.0 | 93.0 | 93.4 | 93.6 | 93.6  | 94.0 | 94.0  | 94.0 | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1   | 94.1  |
| ≥ 6000                | 94.0                       | 94.2 | 94.2 | 94.6 | 94.9 | 94.9  | 95.2 | 95.2  | 95.2 | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3   | 95.3  |
| ≥ 5000                | 96.2                       | 96.6 | 96.6 | 96.9 | 97.2 | 97.2  | 97.5 | 97.5  | 97.5 | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7   | 97.7  |
| ≥ 4500                | 96.4                       | 96.8 | 96.8 | 97.2 | 97.4 | 97.4  | 97.8 | 97.8  | 97.8 | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9   | 97.9  |
| ≥ 4000                | 97.5                       | 97.9 | 97.9 | 98.3 | 98.5 | 98.5  | 98.9 | 98.9  | 98.9 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  |
| ≥ 3500                | 97.8                       | 98.2 | 98.2 | 98.5 | 98.8 | 98.8  | 99.1 | 99.1  | 99.1 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  |
| ≥ 3000                | 97.8                       | 98.2 | 98.2 | 98.5 | 98.9 | 98.9  | 99.3 | 99.3  | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  |
| ≥ 2500                | 97.8                       | 98.2 | 98.2 | 98.5 | 98.9 | 98.9  | 99.3 | 99.3  | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  |
| ≥ 2000                | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1800                | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1500                | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1200                | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1000                | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 900                 | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 800                 | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 700                 | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 600                 | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 500                 | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 400                 | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 300                 | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 200                 | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 100                 | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 0                   | 98.0                       | 98.7 | 98.7 | 99.0 | 99.3 | 99.3  | 99.9 | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 816

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93001

STALLION SITE NM

61-73

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥¼    | ≥1/16 | ≥0    | ≥0    |
| NO CEILING      | 67.9                       | 68.4 | 68.5 | 68.9 | 69.0 | 69.0 | 69.2 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3  | 69.5  | 69.5  | 69.5  |
| IV 20000        | 79.6                       | 80.2 | 80.6 | 81.0 | 81.1 | 81.1 | 81.3 | 81.3 | 81.3 | 81.6 | 81.6 | 81.6 | 81.6  | 81.8  | 81.8  | 81.8  |
| IV 18000        | 79.6                       | 80.2 | 80.6 | 81.0 | 81.1 | 81.1 | 81.3 | 81.3 | 81.3 | 81.6 | 81.6 | 81.6 | 81.6  | 81.8  | 81.8  | 81.8  |
| IV 16000        | 80.1                       | 80.7 | 81.1 | 81.5 | 81.6 | 81.6 | 81.8 | 81.8 | 81.8 | 82.1 | 82.1 | 82.1 | 82.3  | 82.3  | 82.3  | 82.3  |
| IV 14000        | 81.1                       | 81.7 | 82.1 | 82.4 | 82.6 | 82.6 | 82.8 | 82.8 | 82.8 | 83.1 | 83.1 | 83.1 | 83.3  | 83.3  | 83.3  | 83.3  |
| IV 12000        | 82.7                       | 83.3 | 83.7 | 84.1 | 84.2 | 84.2 | 84.4 | 84.4 | 84.4 | 84.7 | 84.7 | 84.7 | 84.9  | 84.9  | 84.9  | 84.9  |
| IV 10000        | 84.2                       | 84.8 | 85.2 | 85.5 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 | 86.2 | 86.2 | 86.2 | 86.8  | 86.8  | 86.8  | 86.8  |
| IV 9000         | 84.8                       | 85.4 | 85.8 | 86.2 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.8 | 86.8 | 86.8 | 87.4  | 87.4  | 87.4  | 87.4  |
| IV 8000         | 85.4                       | 86.0 | 86.4 | 86.8 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.4 | 87.4 | 87.4 | 88.0  | 88.0  | 88.0  | 88.0  |
| IV 7000         | 85.8                       | 86.4 | 86.8 | 87.1 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 | 87.8 | 87.8 | 87.8 | 88.4  | 88.4  | 88.4  | 88.4  |
| IV 6000         | 90.7                       | 91.3 | 91.7 | 92.1 | 92.2 | 92.2 | 92.5 | 92.5 | 92.5 | 92.7 | 92.7 | 92.7 | 93.3  | 93.3  | 93.3  | 93.3  |
| IV 5000         | 94.2                       | 95.3 | 95.8 | 96.2 | 96.5 | 96.5 | 96.9 | 96.9 | 96.9 | 97.2 | 97.2 | 97.2 | 97.8  | 97.8  | 97.8  | 97.8  |
| IV 4500         | 94.8                       | 95.8 | 96.3 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 98.3  | 98.3  | 98.3  | 98.3  |
| IV 4000         | 95.7                       | 96.8 | 97.3 | 97.7 | 98.0 | 98.0 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 3500         | 95.7                       | 96.8 | 97.3 | 97.7 | 98.0 | 98.0 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 3000         | 95.8                       | 96.9 | 97.4 | 97.8 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 2500         | 95.9                       | 97.0 | 97.5 | 97.9 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 2000         | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800         | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500         | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 96.4                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

809

USAF ETAC

FORM  
JUL 64

0-145 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM  
STATION NAME

61-73  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1300-1700  
HOURS

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |        |      |      |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
|                 | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 1/16 | ≥ 0  | ≥ 0  |
| NO CEILING      | 61.7                       | 61.9 | 61.9 | 62.7 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4   | 63.4 | 63.4 |
| ≥ 20000         | 77.0                       | 77.4 | 77.4 | 78.3 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9   | 79.3 | 79.3 |
| IV 18000        | 77.0                       | 77.4 | 77.4 | 78.3 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9   | 79.3 | 79.3 |
| IV 16000        | 78.5                       | 78.9 | 78.9 | 79.7 | 79.7 | 79.7 | 79.9 | 79.9 | 79.9 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3   | 80.7 | 80.7 |
| IV 14000        | 79.1                       | 79.5 | 79.5 | 80.3 | 80.3 | 80.3 | 80.5 | 80.5 | 80.5 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0   | 81.4 | 81.4 |
| IV 12000        | 80.7                       | 81.2 | 81.2 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6   | 83.0 | 83.0 |
| IV 10000        | 82.4                       | 82.8 | 82.8 | 83.6 | 83.6 | 83.6 | 83.9 | 83.9 | 83.9 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3   | 84.7 | 84.7 |
| IV 9000         | 83.4                       | 83.9 | 83.9 | 84.7 | 84.7 | 84.7 | 84.9 | 84.9 | 84.9 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3   | 85.7 | 85.7 |
| IV 8000         | 84.1                       | 84.5 | 84.5 | 85.3 | 85.3 | 85.3 | 85.5 | 85.5 | 85.5 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9   | 86.3 | 86.3 |
| IV 7000         | 84.7                       | 84.7 | 84.7 | 85.5 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1   | 86.5 | 86.5 |
| IV 6000         | 89.4                       | 89.9 | 89.9 | 90.7 | 90.7 | 90.7 | 90.9 | 90.9 | 90.9 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3   | 91.7 | 91.7 |
| IV 5000         | 94.8                       | 95.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1   | 97.5 | 97.5 |
| IV 4500         | 95.4                       | 96.1 | 96.1 | 96.9 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7   | 98.1 | 98.1 |
| IV 4000         | 96.3                       | 96.9 | 96.9 | 97.7 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6   | 99.0 | 99.0 |
| IV 3500         | 96.3                       | 96.9 | 96.9 | 97.7 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6   | 99.0 | 99.0 |
| IV 3000         | 96.9                       | 97.5 | 97.5 | 98.3 | 98.3 | 98.3 | 98.8 | 98.8 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.6 | 99.6 |
| IV 2500         | 96.9                       | 97.5 | 97.5 | 98.3 | 98.3 | 98.3 | 98.8 | 98.8 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.6 | 99.6 |
| IV 2000         | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 1800         | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 1500         | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 1200         | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 1000         | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 900          | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 800          | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 700          | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 600          | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 500          | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 400          | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 300          | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 200          | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 100          | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |
| IV 0            | 97.1                       | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 483

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

63-64, 67, 70, 73

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS 1-5

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/8 | ≥ 1/16 | ≥ 0   |
| NO CEILING      | 76.5                       | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5   | 76.5  |
| ≥ 20000         | 82.4                       | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4   | 82.4  |
| ≥ 18000         | 82.4                       | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4   | 82.4  |
| ≥ 16000         | 82.4                       | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4   | 82.4  |
| ≥ 14000         | 82.4                       | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4   | 82.4  |
| ≥ 12000         | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2   | 88.2  |
| ≥ 10000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 9000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 8000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 7000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 6000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 5000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 4500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 4000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 3500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 3000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 2500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 2000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 900           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 700           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 600           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 400           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 300           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 100           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 0             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

17

USAF ETAC

FORM  
JAN 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

94,67,70,73

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS LST

| CEILING<br>FEET | VISIBILITY STATUTE MILES |       |       |       |       |         |       |         |         |       |       |       |       |       |        |       |
|-----------------|--------------------------|-------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|-------|--------|-------|
|                 | ≥ 10                     | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2 1/2 | ≥ 2   | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1   | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0   |
| NO CEILING      | 72.7                     | 72.7  | 72.7  | 72.7  | 72.7  | 72.7    | 72.7  | 72.7    | 72.7    | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7   | 72.7  |
| ≥ 20000         | 72.7                     | 72.7  | 72.7  | 72.7  | 72.7  | 72.7    | 72.7  | 72.7    | 72.7    | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7   | 72.7  |
| IV 18000        | 72.7                     | 72.7  | 72.7  | 72.7  | 72.7  | 72.7    | 72.7  | 72.7    | 72.7    | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7   | 72.7  |
| IV 16000        | 72.7                     | 72.7  | 72.7  | 72.7  | 72.7  | 72.7    | 72.7  | 72.7    | 72.7    | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7   | 72.7  |
| IV 14000        | 72.7                     | 72.7  | 72.7  | 72.7  | 72.7  | 72.7    | 72.7  | 72.7    | 72.7    | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7   | 72.7  |
| IV 12000        | 72.7                     | 72.7  | 72.7  | 72.7  | 72.7  | 72.7    | 72.7  | 72.7    | 72.7    | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7   | 72.7  |
| IV 10000        | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 9000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 8000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 7000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 6000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 5000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 4500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 4000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 3500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 3000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 2500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 2000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1800         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1200         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 900          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 800          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 700          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 600          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 500          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 400          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 300          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 200          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 100          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 0            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 11

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

05-68

1 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |         |       |         |         |       |       |       |       |       |        |       |
|-----------------|----------------------------|-------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|-------|--------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2 1/2 | ≥ 2   | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1   | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0   |
| NO CEILING      | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| ≥ 20000         | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| ≥ 18000         | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| ≥ 16000         | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| ≥ 14000         | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| ≥ 12000         | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| ≥ 10000         | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| ≥ 9000          | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| ≥ 8000          | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| ≥ 7000          | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0    | 90.0  | 90.0    | 90.0    | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  |
| ≥ 6000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 5000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 4500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 4000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 3500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 3000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 2500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 2000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 900           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 700           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 600           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 400           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 300           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 100           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 0             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 10



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061 STATION NAME STALLION SITE NM

63-68,73

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0500  
HOURS (LST)

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥1/10 | ≥0    | ≥0    |
| NO CEILING      | 80.0                       | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  |
| ≥ 20000         | 96.7                       | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  |
| IV 18000        | 96.7                       | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  |
| IV 16000        | 96.7                       | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  |
| IV 14000        | 96.7                       | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  |
| IV 12000        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 10000        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 9000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 8000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 7000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 6000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 5000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

10

USAF ETAC

FORM  
JUL 64

0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

92061

STALLION SITE NM

61-73

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS

| CEILING<br>(FEET)     | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-----------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                       | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/16 | ≥ .   | ≥ 0   |
| NO CEILING<br>≥ 20000 | 74.8                       | 74.8  | 74.8  | 74.8  | 74.8  | 74.8  | 74.8  | 74.8  | 74.8  | 74.8  | 74.8  | 74.8  | 74.8  | 74.8   | 74.8  | 74.8  |
| IV 18000              | 87.5                       | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5   | 87.5  | 87.5  |
| IV 16000              | 88.4                       | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4   | 88.4  | 88.4  |
| IV 14000              | 89.0                       | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  | 89.0  | 89.0   | 89.0  | 89.0  |
| IV 12000              | 92.4                       | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4   | 92.4  | 92.4  |
| IV 10000              | 94.3                       | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3   | 94.3  | 94.3  |
| IV 9000               | 94.5                       | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5   | 94.5  | 94.5  |
| IV 8000               | 95.6                       | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6   | 95.6  | 95.6  |
| IV 7000               | 96.4                       | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4   | 96.4  | 96.4  |
| IV 6000               | 97.5                       | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5   | 97.5  | 97.5  |
| IV 5000               | 98.9                       | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9   | 98.9  | 98.9  |
| IV 4500               | 99.2                       | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| IV 4000               | 99.2                       | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| IV 3500               | 99.2                       | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| IV 3000               | 99.2                       | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| IV 2500               | 99.4                       | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| IV 2000               | 99.4                       | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| IV 1800               | 99.4                       | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| IV 1500               | 99.6                       | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 1200               | 99.6                       | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 1000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0                  | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 527

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

92061

STALLION SITE NM

61-73

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥1/16 | ≥0    | ≥0    |
| NO CEILING      | 75.5                       | 76.1 | 76.2 | 76.2 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.6  | 76.6  | 76.6  | 76.6  | 76.6  | 76.6  | 76.6  |
| ≥ 20000         | 88.1                       | 88.7 | 88.8 | 88.8 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.2  | 89.2  | 89.2  | 89.2  | 89.2  | 89.2  | 89.2  |
| IV 18000        | 88.4                       | 89.0 | 89.1 | 89.1 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  |
| IV 16000        | 89.5                       | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  |
| IV 14000        | 90.8                       | 91.4 | 91.5 | 91.5 | 91.6 | 91.6 | 91.8 | 91.8 | 91.8 | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  |
| IV 12000        | 92.5                       | 93.1 | 93.2 | 93.2 | 93.3 | 93.3 | 93.5 | 93.5 | 93.5 | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  |
| IV 10000        | 93.8                       | 94.4 | 94.5 | 94.5 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  |
| IV 9000         | 94.1                       | 94.7 | 94.8 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  |
| IV 8000         | 95.0                       | 95.6 | 95.8 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  |
| IV 7000         | 95.4                       | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  |
| IV 6000         | 96.4                       | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  |
| IV 5000         | 97.7                       | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| IV 4500         | 97.9                       | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| IV 4000         | 98.2                       | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 3500         | 98.2                       | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 3000         | 98.3                       | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 2500         | 98.3                       | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 2000         | 98.3                       | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 1800         | 98.3                       | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 1500         | 98.3                       | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 1200         | 98.4                       | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 1000         | 98.5                       | 99.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 98.5                       | 99.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 98.5                       | 99.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 98.5                       | 99.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 98.5                       | 99.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 98.5                       | 99.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 98.5                       | 99.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 98.5                       | 99.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 98.5                       | 99.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 98.5                       | 99.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 98.5                       | 99.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 825

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

01-73

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS TST

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |       |       |       |        |        |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|--------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/10 | ≥ 1/20 | ≥ 0   |
| NO CEILING        | 69.6                       | 70.1 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4  | 70.4  | 70.4  | 70.4  | 70.4   | 70.4   | 70.4  |
| ≥ 20000           | 81.6                       | 82.1 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.7  | 82.7  | 82.7  | 82.7  | 82.7   | 82.7   | 82.7  |
| IV 18000          | 81.7                       | 82.2 | 82.3 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.8  | 82.8  | 82.8  | 82.8  | 82.8   | 82.8   | 82.8  |
| IV 16000          | 82.2                       | 82.7 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.4  | 83.4  | 83.4  | 83.4  | 83.4   | 83.4   | 83.4  |
| IV 14000          | 84.2                       | 84.8 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.5  | 85.5  | 85.5  | 85.5  | 85.5   | 85.5   | 85.5  |
| IV 12000          | 86.3                       | 86.7 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.5  | 87.5  | 87.5  | 87.5  | 87.5   | 87.5   | 87.5  |
| IV 10000          | 87.2                       | 87.9 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.7  | 88.7  | 88.7  | 88.7  | 88.7   | 88.7   | 88.7  |
| IV 9000           | 87.3                       | 88.1 | 88.2 | 88.3 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 89.0  | 89.0  | 89.0  | 89.0  | 89.0   | 89.0   | 89.0  |
| IV 8000           | 88.6                       | 89.2 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 90.1  | 90.1  | 90.1  | 90.1  | 90.1   | 90.1   | 90.1  |
| IV 7000           | 89.0                       | 89.6 | 89.9 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.4  | 90.4  | 90.4  | 90.4  | 90.4   | 90.4   | 90.4  |
| IV 6000           | 92.9                       | 93.3 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.4  | 94.4  | 94.4  | 94.4  | 94.4   | 94.4   | 94.4  |
| IV 5000           | 96.7                       | 97.3 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2   | 98.2  |
| IV 4500           | 97.2                       | 97.8 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7   | 98.7   | 98.7  |
| IV 4000           | 97.7                       | 98.3 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1   | 99.1  |
| IV 3500           | 97.8                       | 98.4 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  |
| IV 3000           | 98.0                       | 98.7 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5   | 99.5   | 99.5  |
| IV 2500           | 98.2                       | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6   | 99.6  |
| IV 2000           | 98.3                       | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8   | 99.8  |
| IV 1800           | 98.3                       | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8   | 99.8  |
| IV 1500           | 98.4                       | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9   | 99.9  |
| IV 1200           | 98.4                       | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9   | 99.9  |
| IV 1000           | 98.5                       | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| IV 900            | 98.5                       | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| IV 800            | 98.5                       | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| IV 700            | 98.5                       | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| IV 600            | 98.5                       | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| IV 500            | 98.5                       | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| IV 400            | 98.5                       | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| IV 300            | 98.5                       | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| IV 200            | 98.5                       | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| IV 100            | 98.5                       | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| IV 0              | 98.5                       | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 815

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STATION 93061 STATION NAME STALLION SITE NM

61-73 YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS

| CEILING<br>FEET: | VISIBILITY (STATUTE MILES): |      |       |       |       |         |       |         |         |       |       |       |       |       |       |       |
|------------------|-----------------------------|------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|-------|-------|-------|
|                  | ≥ 10                        | ≥ 6  | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2 1/2 | ≥ 2   | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1   | ≥ 3/4 | ≥ 3/8 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 0   |
| NO CEILING       | 57.5                        | 58.1 | 58.1  | 58.1  | 58.1  | 58.1    | 58.1  | 58.1    | 58.1    | 58.1  | 58.1  | 58.1  | 58.1  | 58.1  | 58.1  | 58.1  |
| ≥ 20000          | 73.7                        | 74.2 | 74.2  | 74.2  | 74.2  | 74.2    | 74.2  | 74.2    | 74.2    | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  |
| IV 18000         | 73.7                        | 74.2 | 74.2  | 74.2  | 74.2  | 74.2    | 74.2  | 74.2    | 74.2    | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  |
| IV 16000         | 74.5                        | 75.1 | 75.3  | 75.3  | 75.3  | 75.3    | 75.3  | 75.3    | 75.3    | 75.3  | 75.3  | 75.3  | 75.3  | 75.3  | 75.3  | 75.3  |
| IV 14000         | 75.1                        | 75.6 | 75.9  | 75.9  | 75.9  | 75.9    | 75.9  | 75.9    | 75.9    | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  |
| IV 12000         | 76.4                        | 77.0 | 77.3  | 77.3  | 77.3  | 77.3    | 77.3  | 77.3    | 77.3    | 77.3  | 77.3  | 77.3  | 77.3  | 77.3  | 77.3  | 77.3  |
| IV 10000         | 76.7                        | 77.3 | 77.5  | 77.5  | 77.5  | 77.5    | 77.5  | 77.5    | 77.5    | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  |
| IV 9000          | 77.8                        | 78.4 | 78.6  | 78.6  | 78.6  | 78.6    | 78.6  | 78.6    | 78.6    | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  |
| IV 8000          | 80.8                        | 81.4 | 81.6  | 81.6  | 81.6  | 81.6    | 81.6  | 81.6    | 81.6    | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  |
| IV 7000          | 82.7                        | 83.3 | 83.6  | 83.6  | 83.6  | 83.6    | 83.6  | 83.6    | 83.6    | 83.6  | 83.6  | 83.6  | 83.6  | 83.6  | 83.6  | 83.6  |
| IV 6000          | 90.7                        | 91.2 | 91.5  | 91.5  | 91.5  | 91.5    | 91.5  | 91.5    | 91.5    | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  |
| IV 5000          | 96.7                        | 97.3 | 97.5  | 97.5  | 97.5  | 97.5    | 97.5  | 97.5    | 97.5    | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  |
| IV 4500          | 97.0                        | 97.5 | 97.8  | 97.8  | 97.8  | 97.8    | 97.8  | 97.8    | 97.8    | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  |
| IV 4000          | 98.9                        | 99.5 | 99.7  | 99.7  | 99.7  | 99.7    | 99.7  | 99.7    | 99.7    | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 3500          | 98.9                        | 99.5 | 99.7  | 99.7  | 99.7  | 99.7    | 99.7  | 99.7    | 99.7    | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 3000          | 98.9                        | 99.5 | 99.7  | 99.7  | 99.7  | 99.7    | 99.7  | 99.7    | 99.7    | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 2500          | 98.9                        | 99.5 | 99.7  | 99.7  | 99.7  | 99.7    | 99.7  | 99.7    | 99.7    | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 2000          | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800          | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500          | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200          | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000          | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900           | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800           | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700           | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600           | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500           | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400           | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300           | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200           | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100           | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0             | 99.2                        | 99.7 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 365

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061

STATION SITE NM

63-69,73

YEARS

-AY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1400-2000

| CEILING<br>FEET | VISIBILITY: STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥ 10                      | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1   | ≥ .5  | ≥ .3  | ≥ .25 | ≥ .2  | ≥ .15 | ≥ .1  | ≥ 0   |
| NO CEILING      | 50.0                      | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  | 50.0  |
| ≥ 20000         | 69.2                      | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  |
| ≥ 18000         | 69.2                      | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  |
| ≥ 16000         | 69.2                      | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  |
| ≥ 14000         | 69.2                      | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  |
| ≥ 12000         | 69.2                      | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  |
| ≥ 10000         | 69.2                      | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  |
| ≥ 9000          | 69.2                      | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  |
| ≥ 8000          | 69.2                      | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  |
| ≥ 7000          | 71.2                      | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  | 71.2  |
| ≥ 6000          | 80.8                      | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  | 80.8  |
| ≥ 5000          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4500          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4000          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900           | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800           | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700           | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600           | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500           | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400           | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300           | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200           | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100           | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0             | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

52

USAF ETAC

FORM  
AUG 64

D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM 63,65-68 MAY 2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING<br>FEET | VISIBILITY STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-----------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                 | ≥10                      | ≥6    | ≥5    | ≥4    | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1    | ≥0.5  | ≥0.25 | ≥0.1  | ≥0.05 | ≥0.025 | ≥0.01 | ≥0    |
| NO CEILING      | 60.9                     | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9   | 60.9  | 60.9  |
| IV 20000        | 60.9                     | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9   | 60.9  | 60.9  |
| IV 18000        | 60.9                     | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9   | 60.9  | 60.9  |
| IV 16000        | 60.9                     | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9   | 60.9  | 60.9  |
| IV 14000        | 60.9                     | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9   | 60.9  | 60.9  |
| IV 12000        | 60.9                     | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9   | 60.9  | 60.9  |
| IV 10000        | 60.9                     | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9   | 60.9  | 60.9  |
| IV 9000         | 60.9                     | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9   | 60.9  | 60.9  |
| IV 8000         | 60.9                     | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9   | 60.9  | 60.9  |
| IV 7000         | 60.9                     | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9  | 60.9   | 60.9  | 60.9  |
| IV 6000         | 82.6                     | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6   | 82.6  | 82.6  |
| IV 5000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 4500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 4000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 3500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 3000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1800         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1200         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 23

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

64-67.69

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING<br>FEET | VISIBILITY STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                      | ≥6    | ≥5    | ≥4    | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1.4  | ≥1    | ≥.5   | ≥.4   | ≥.3   | ≥.25  | ≥.2   | ≥0    |
| NO CEILING      | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 18000        | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 16000        | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 14000        | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 12000        | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 10000        | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 9000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 8000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 7000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 6000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 5000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

10



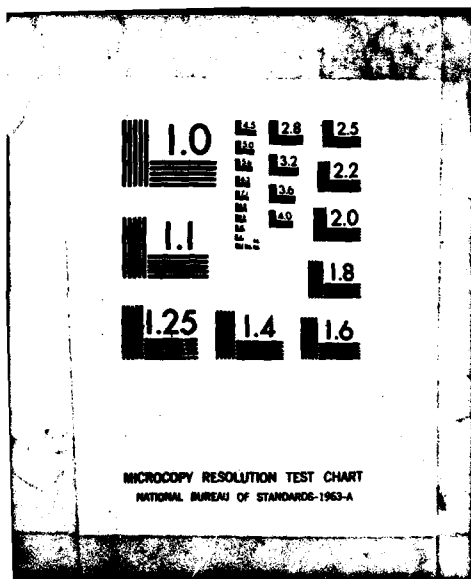
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/O 4/2  
STALLION SITE, SAN MARCIAL, NEW MEXICO. REVISED UNIFORM SUMMARY--ETC(U)  
FEB 75

USAFETAC/DS-00/020

NL

3 · 5





DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

92061 STALLION SITE NM

94-06-68

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0370-0500  
HOURS

| CEILING<br>(FEET)     | VISIBILITY - STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                       | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ¾     | ¾     | ¾     | ¾     | ¾     | ¾     | ¾     |
| NO CEILING<br>≥ 20000 | 94.1                       | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  |
| IV 18000              | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 16000              | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 14000              | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 12000              | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 10000              | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 9000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 8000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 7000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 6000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 5000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0                  | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

17

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

61-73

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |      |      |      |      |      |      |      |      |       |       |       |       |        |       |       |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|-------|
|                 | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/16 | ≥ .   | ≥ 0   |
| NO CEILING      | 84.2                       | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.8  | 84.8  | 84.8  | 84.8  | 84.8   | 84.8  | 84.8  |
| IV 20000        | 89.5                       | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 90.1  | 90.1  | 90.1  | 90.1  | 90.1   | 90.1  | 90.1  |
| IV 18000        | 89.5                       | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 90.1  | 90.1  | 90.1  | 90.1  | 90.1   | 90.1  | 90.1  |
| IV 16000        | 90.1                       | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.7  | 90.7  | 90.7  | 90.7  | 90.7   | 90.7  | 90.7  |
| IV 14000        | 90.9                       | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.5  | 91.5  | 91.5  | 91.5  | 91.5   | 91.5  | 91.5  |
| IV 12000        | 92.9                       | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.5  | 93.5  | 93.5  | 93.5  | 93.5   | 93.5  | 93.5  |
| IV 10000        | 93.7                       | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.3  | 94.3  | 94.3  | 94.3  | 94.3   | 94.3  | 94.3  |
| IV 9000         | 94.3                       | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  | 94.9  |
| IV 8000         | 94.7                       | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2  | 95.2  |
| IV 7000         | 95.2                       | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.8  | 95.8  | 95.8  | 95.8  | 95.8   | 95.8  | 95.8  |
| IV 6000         | 97.8                       | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4  | 98.4  |
| IV 5000         | 98.6                       | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| IV 4500         | 98.6                       | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| IV 4000         | 99.0                       | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 3500         | 99.0                       | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 3000         | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2500         | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2000         | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1800         | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1500         | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1200         | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1000         | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900          | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800          | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700          | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600          | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500          | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400          | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300          | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200          | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100          | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0            | 99.4                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

305

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

92061

STALLION SITE NM

01-73

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING<br>(FEET)     | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |       |      |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|
|                       | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥¼   | ≥5/16 | ≥4/16 | ≥0   |
| NO CEILING<br>≥ 20000 | 86.1                       | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1  | 86.1  | 86.1 |
| IV 18000              | 92.1                       | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1  | 92.1  | 92.1 |
| IV 16000              | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 14000              | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 12000              | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 10000              | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 9000               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 8000               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 7000               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 6000               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 5000               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 4500               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 4000               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 3500               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 3000               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 2500               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 2000               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 1800               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 1500               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 1200               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 1000               | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 900                | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 800                | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 700                | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 600                | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 500                | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 400                | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 300                | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 200                | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 100                | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |
| IV 0                  | 92.2                       | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2 |

TOTAL NUMBER OF OBSERVATIONS

808

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

92061

STALLION SITE NM

91-73

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS 151

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-----------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                 | ≥ 10                       | ≥ 6  | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5 16 | ≥ 4   | ≥ 0   |
| NO CEILING      | 74.8                       | 74.9 | 75.3  | 75.3  | 75.3  | 75.3  | 75.3  | 75.3  | 75.3  | 75.3  | 75.3  | 75.3  | 75.3  | 75.3   | 75.3  | 75.3  |
| ≥ 20000         | 83.9                       | 84.0 | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4   | 84.4  | 84.4  |
| ≥ 18000         | 83.9                       | 84.0 | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4   | 84.4  | 84.4  |
| ≥ 16000         | 84.4                       | 84.5 | 84.9  | 84.9  | 84.9  | 84.9  | 84.9  | 84.9  | 84.9  | 84.9  | 84.9  | 84.9  | 84.9  | 84.9   | 84.9  | 84.9  |
| ≥ 14000         | 84.9                       | 85.0 | 85.4  | 85.4  | 85.4  | 85.4  | 85.4  | 85.4  | 85.4  | 85.4  | 85.4  | 85.4  | 85.4  | 85.4   | 85.4  | 85.4  |
| ≥ 12000         | 85.9                       | 86.0 | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3  | 86.3   | 86.3  | 86.3  |
| ≥ 10000         | 87.0                       | 87.1 | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5   | 87.5  | 87.5  |
| ≥ 9000          | 87.2                       | 87.3 | 87.8  | 87.8  | 87.8  | 87.8  | 87.8  | 87.8  | 87.8  | 87.8  | 87.8  | 87.8  | 87.8  | 87.8   | 87.8  | 87.8  |
| ≥ 8000          | 87.9                       | 88.1 | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4   | 88.4  | 88.4  |
| ≥ 7000          | 89.2                       | 89.3 | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7   | 89.7  | 89.7  |
| ≥ 6000          | 93.7                       | 93.8 | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3   | 96.3  | 96.3  |
| ≥ 5000          | 97.9                       | 98.0 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5   | 98.5  | 98.5  |
| ≥ 4500          | 97.9                       | 98.0 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5   | 98.5  | 98.5  |
| ≥ 4000          | 98.4                       | 98.5 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| ≥ 3500          | 98.8                       | 98.9 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| ≥ 3000          | 98.9                       | 99.0 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5   | 99.5  | 99.5  |
| ≥ 2500          | 99.0                       | 99.1 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| ≥ 2000          | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800          | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500          | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200          | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000          | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900           | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800           | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700           | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600           | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500           | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400           | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300           | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200           | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100           | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0             | 99.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 813

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

61-73

11/11

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1300-1700  
HOURS LST

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6   | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥1/16 | ≥.    | ≥0    |
| NO CEILING      | 56.1                       | 56.4 | 56.9  | 56.9  | 56.9  | 56.9  | 56.9  | 56.9  | 56.9  | 56.9  | 56.9  | 56.9  | 56.9  | 56.9  | 56.9  | 56.9  |
| ≥ 20000         | 67.4                       | 67.6 | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  |
| ≥ 18000         | 67.4                       | 67.6 | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  |
| ≥ 16000         | 67.9                       | 68.1 | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  |
| ≥ 14000         | 68.1                       | 68.4 | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  |
| ≥ 12000         | 69.7                       | 70.0 | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  |
| ≥ 10000         | 72.3                       | 72.6 | 73.1  | 73.1  | 73.1  | 73.1  | 73.1  | 73.1  | 73.1  | 73.1  | 73.1  | 73.1  | 73.1  | 73.1  | 73.1  | 73.1  |
| ≥ 9000          | 73.4                       | 73.6 | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  | 74.2  |
| ≥ 8000          | 75.3                       | 75.7 | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  |
| ≥ 7000          | 78.3                       | 78.6 | 79.1  | 79.1  | 79.1  | 79.1  | 79.1  | 79.1  | 79.1  | 79.1  | 79.1  | 79.1  | 79.1  | 79.1  | 79.1  | 79.1  |
| ≥ 6000          | 89.8                       | 90.1 | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  |
| ≥ 5000          | 96.3                       | 96.6 | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| ≥ 4500          | 96.6                       | 96.9 | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  |
| ≥ 4000          | 97.9                       | 98.2 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  |
| ≥ 3500          | 97.9                       | 98.2 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  |
| ≥ 3000          | 98.7                       | 99.0 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| ≥ 2500          | 99.0                       | 99.2 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 2000          | 99.0                       | 99.2 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 1800          | 99.0                       | 99.2 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 1500          | 99.0                       | 99.2 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 1200          | 99.0                       | 99.2 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 1000          | 99.2                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900           | 99.2                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800           | 99.2                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700           | 99.2                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600           | 99.2                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500           | 99.2                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400           | 99.2                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300           | 99.2                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200           | 99.2                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100           | 99.2                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0             | 99.2                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 383

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

63-67,69-70

JUN

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS LST

| CEILING<br>FEET       | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-----------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                       | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/16 | ≥ .   | ≥ 0   |
| NO CEILING<br>≥ 20000 | 71.7                       | 71.7  | 71.7  | 71.7  | 71.7  | 71.7  | 71.7  | 71.7  | 71.7  | 71.7  | 71.7  | 71.7  | 71.7  | 71.7   | 71.7  | 71.7  |
| IV 18000              | 88.7                       | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7   | 88.7  | 88.7  |
| IV 16000              | 88.7                       | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7  | 88.7   | 88.7  | 88.7  |
| IV 14000              | 94.3                       | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3   | 94.3  | 94.3  |
| IV 12000              | 96.2                       | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2   | 96.2  | 96.2  |
| IV 10000              | 96.2                       | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2   | 96.2  | 96.2  |
| IV 9000               | 96.2                       | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2   | 96.2  | 96.2  |
| IV 8000               | 98.1                       | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1   | 98.1  | 98.1  |
| IV 7000               | 98.1                       | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1   | 98.1  | 98.1  |
| IV 6000               | 98.1                       | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1   | 98.1  | 98.1  |
| IV 5000               | 98.1                       | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1   | 98.1  | 98.1  |
| IV 4500               | 98.1                       | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1   | 98.1  | 98.1  |
| IV 4000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 3500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 3000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1800               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1200               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0                  | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

51



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STATION SITE NM

63,65-67,69

YEARS

MOON

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS L.S.

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1.4 | ≥ 1   | ≥ .5  | ≥ .3  | ≥ .2  | ≥ .16 | ≥ .1  | ≥ 0   |
| NO CEILING      | 90.9                       | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  |
| ≥ 20000         | 93.9                       | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  |
| ≥ 18000         | 93.9                       | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  |
| IV 16000        | 93.9                       | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  |
| IV 14000        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 12000        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 10000        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 9000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 8000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 7000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 6000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 5000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

33

USAF ETAC

FORM  
XX-64

6-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

64-67,69

411

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS LST

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥0.16 | ≥0.1  | ≥0    |
| NO CEILING        | 70.6                       | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  |
| ≥ 20000           | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| IV 18000          | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| IV 16000          | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| IV 14000          | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| IV 12000          | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| IV 10000          | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| IV 9000           | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| IV 8000           | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| IV 7000           | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| IV 6000           | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| IV 5000           | 94.1                       | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  |
| IV 4500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 17

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STATION SITE NM

63-68

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0100

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 16  | ≥ 1   | ≥ 0   |
| NO CEILING      | 61.3                       | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  | 61.3  |
| ≥ 20000         | 64.5                       | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  |
| IN 18000        | 64.5                       | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  | 64.5  |
| IN 16000        | 67.7                       | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  |
| IN 14000        | 67.7                       | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  |
| IN 12000        | 67.7                       | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  | 67.7  |
| IN 10000        | 77.4                       | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  |
| IN 9000         | 77.4                       | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  | 77.4  |
| IN 8000         | 93.5                       | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  |
| IN 7000         | 93.5                       | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  |
| IN 6000         | 96.8                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IN 5000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 4500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 4000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 3500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

31

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

61-73

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0800  
HOURS, LST

| CEILING<br>FEET       | VISIBILITY - STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
|                       | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥¼   | ≥10  | ≥4   | ≥0    |
| NO CEILING<br>≥ 20000 | 67.7                       | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1  |
| IV 18000              | 74.0                       | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4  |
| IV 16000              | 74.4                       | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4  |
| IV 14000              | 77.2                       | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6  |
| IV 12000              | 80.9                       | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3  |
| IV 10000              | 88.8                       | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2  |
| IV 9000               | 89.6                       | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0  |
| IV 8000               | 92.9                       | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9  |
| IV 7000               | 93.9                       | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3  |
| IV 6000               | 96.7                       | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0  |
| IV 5000               | 97.4                       | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8  |
| IV 4500               | 97.8                       | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2  |
| IV 4000               | 98.8                       | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  |
| IV 3500               | 98.8                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  |
| IV 3000               | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 2500               | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 2000               | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 1800               | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 1500               | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 1200               | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 1000               | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 900                | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 800                | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 700                | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 600                | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 500                | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 400                | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 300                | 99.4                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 200                | 99.4                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 100                | 99.4                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  |
| IV 0                  | 99.4                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

308

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

61-73

NUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0500-1100  
HOURS

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥5/16 | ≥4/16 | ≥0    |
| NO CEILING      | 74.0                       | 74.0  | 74.0  | 74.0  | 74.0  | 74.0  | 74.0  | 74.0  | 74.0  | 74.0  | 74.0  | 74.0  | 74.0  | 74.0  | 74.0  | 74.0  |
| ≥ 20000         | 81.1                       | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  |
| IV 18000        | 81.1                       | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  | 81.1  |
| IV 16000        | 81.8                       | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  |
| IV 14000        | 82.9                       | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  | 82.9  |
| IV 12000        | 84.4                       | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  |
| IV 10000        | 90.4                       | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  |
| IV 9000         | 91.9                       | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  |
| IV 8000         | 94.6                       | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  |
| IV 7000         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  |
| IV 6000         | 97.1                       | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| IV 5000         | 98.4                       | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  |
| IV 4500         | 98.6                       | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| IV 4000         | 98.6                       | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| IV 3500         | 98.6                       | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| IV 3000         | 99.6                       | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| IV 2500         | 99.9                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

803

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93001 STALLION SITE NM  
STATION STATION NAME

01-73

YEARS

1111  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

| CEILING<br>FEET | VISIBILITY STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                      | ≥6    | ≥5    | ≥4    | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1.4  | ≥1    | ≥.9   | ≥.8   | ≥.7   | ≥.6   | ≥.5   | ≥.4   | ≥0    |
| NO CEILING      | 62.6                     | 62.6  | 62.6  | 62.6  | 62.6  | 62.6  | 62.6  | 62.6  | 62.6  | 62.6  | 62.6  | 62.6  | 62.6  | 62.6  | 62.6  | 62.6  | 62.6  |
| ≥ 20000         | 71.0                     | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  | 71.0  |
| IV 18000        | 71.1                     | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  |
| IV 16000        | 71.5                     | 71.5  | 71.5  | 71.5  | 71.5  | 71.5  | 71.5  | 71.5  | 71.5  | 71.5  | 71.5  | 71.5  | 71.5  | 71.5  | 71.5  | 71.5  | 71.5  |
| IV 14000        | 72.3                     | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  | 72.3  |
| IV 12000        | 74.1                     | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  |
| IV 10000        | 79.3                     | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  |
| IV 9000         | 81.4                     | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  |
| IV 8000         | 84.1                     | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  |
| IV 7000         | 85.7                     | 85.7  | 85.7  | 85.7  | 85.7  | 85.7  | 85.7  | 85.7  | 85.7  | 85.7  | 85.7  | 85.7  | 85.7  | 85.7  | 85.7  | 85.7  | 85.7  |
| IV 6000         | 94.2                     | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  |
| IV 5000         | 97.6                     | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  |
| IV 4500         | 97.9                     | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  |
| IV 4000         | 98.6                     | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| IV 3500         | 98.9                     | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  |
| IV 3000         | 99.6                     | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| IV 2500         | 99.7                     | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 2000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

799

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STATION SITE NAME

61-73

YEARS

1971

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1520-1700

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1.0  | ≥0.75 | ≥0.5  | ≥0.25 | ≥0.15 | ≥0.10 | ≥0.05 | ≥0    |
| NO CEILING      | 40.9                       | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  |
| IV 20000        | 53.6                       | 53.6  | 53.6  | 53.6  | 53.6  | 53.6  | 53.6  | 53.6  | 53.6  | 53.6  | 53.6  | 53.6  | 53.6  | 53.6  | 53.6  | 53.6  |
| IV 18000        | 53.8                       | 53.8  | 53.8  | 53.8  | 53.8  | 53.8  | 53.8  | 53.8  | 53.8  | 53.8  | 53.8  | 53.8  | 53.8  | 53.8  | 53.8  | 53.8  |
| IV 16000        | 54.1                       | 54.1  | 54.1  | 54.1  | 54.1  | 54.1  | 54.1  | 54.1  | 54.1  | 54.1  | 54.1  | 54.1  | 54.1  | 54.1  | 54.1  | 54.1  |
| IV 14000        | 54.4                       | 54.4  | 54.4  | 54.4  | 54.4  | 54.4  | 54.4  | 54.4  | 54.4  | 54.4  | 54.4  | 54.4  | 54.4  | 54.4  | 54.4  | 54.4  |
| IV 12000        | 57.8                       | 57.8  | 57.8  | 57.8  | 57.8  | 57.8  | 57.8  | 57.8  | 57.8  | 57.8  | 57.8  | 57.8  | 57.8  | 57.8  | 57.8  | 57.8  |
| IV 10000        | 66.5                       | 66.5  | 66.5  | 66.5  | 66.5  | 66.5  | 66.5  | 66.5  | 66.5  | 66.5  | 66.5  | 66.5  | 66.5  | 66.5  | 66.5  | 66.5  |
| IV 9000         | 69.9                       | 69.9  | 69.9  | 69.9  | 69.9  | 69.9  | 69.9  | 69.9  | 69.9  | 69.9  | 69.9  | 69.9  | 69.9  | 69.9  | 69.9  | 69.9  |
| IV 8000         | 72.6                       | 72.6  | 72.6  | 72.6  | 72.6  | 72.6  | 72.6  | 72.6  | 72.6  | 72.6  | 72.6  | 72.6  | 72.6  | 72.6  | 72.6  | 72.6  |
| IV 7000         | 75.2                       | 75.2  | 75.2  | 75.2  | 75.2  | 75.2  | 75.2  | 75.2  | 75.2  | 75.2  | 75.2  | 75.2  | 75.2  | 75.2  | 75.2  | 75.2  |
| IV 6000         | 89.7                       | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  |
| IV 5000         | 97.1                       | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| IV 4500         | 97.6                       | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  |
| IV 4000         | 99.5                       | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 3500         | 99.7                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

379

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STATION STALLION SITE N.M.

63-65,67-69,73 YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1400-2000 HOURS

| CEILING<br>FEET       | VISIBILITY - STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                       | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1   | ≥ .5  | ≥ .3  | ≥ .25 | ≥ .2  | ≥ .16 | ≥ .1  | ≥ 0   |
| NO CEILING<br>≥ 20000 | 39.5                       | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  |
| IV 18000              | 68.4                       | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  |
| IV 16000              | 68.4                       | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  |
| IV 14000              | 73.7                       | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  |
| IV 12000              | 73.7                       | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  |
| IV 10000              | 76.3                       | 76.3  | 76.3  | 76.3  | 76.3  | 76.3  | 76.3  | 76.3  | 76.3  | 76.3  | 76.3  | 76.3  | 76.3  | 76.3  | 76.3  | 76.3  |
| IV 9000               | 78.9                       | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  |
| IV 8000               | 78.9                       | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  |
| IV 7000               | 81.6                       | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  |
| IV 6000               | 89.5                       | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  |
| IV 5000               | 92.1                       | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  |
| IV 4500               | 92.1                       | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  |
| IV 4000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1600               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1400               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0                  | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 18



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STATION SITE NM

63-65,67-69,73

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING<br>FEET       | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                       | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 16  | ≥ 1   | ≥ 0   |
| NO CEILING<br>≥ 20000 | 60.0                       | 60.0  | 60.0  | 60.0  | 60.0  | 60.0  | 60.0  | 60.0  | 60.0  | 60.0  | 60.0  | 60.0  | 60.0  | 60.0  | 60.0  | 60.0  |
| IV 18000              | 80.0                       | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  |
| IV 16000              | 80.0                       | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  |
| IV 14000              | 83.3                       | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  |
| IV 12000              | 83.3                       | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  |
| IV 10000              | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  |
| IV 9000               | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  |
| IV 8000               | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  |
| IV 7000               | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  |
| IV 6000               | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  |
| IV 5000               | 96.7                       | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  |
| IV 4500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100                | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0                  | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

10

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061

STATION SITE NM

63-65-67-73

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥8    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥1/16 | ≥0    | ≥0    |
| NO CEILING      | 80.0                       | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  | 80.0  |
| ≥ 20000         | 85.0                       | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  |
| IV ≥ 18000      | 85.0                       | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  |
| IV ≥ 16000      | 85.0                       | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  |
| IV ≥ 14000      | 85.0                       | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  |
| IV ≥ 12000      | 85.0                       | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  |
| IV ≥ 10000      | 85.0                       | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  |
| IV ≥ 9000       | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  |
| IV ≥ 8000       | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  |
| IV ≥ 7000       | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  |
| IV ≥ 6000       | 90.0                       | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  |
| IV ≥ 5000       | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 4500       | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 4000       | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 3500       | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 3000       | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 2500       | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 2000       | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 1800       | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 1500       | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 1200       | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 1000       | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 900        | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 800        | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 700        | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 600        | 95.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV ≥ 500        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 400        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 300        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 200        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 100        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 0          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 20

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

92061

STALLION SITE NM

61,63-66,73

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0500  
HOURS LST

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |        |        |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|
|                   | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/16 | ≥ 1/32 | ≥ 0   |
| NO CEILING        | 64.3                       | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3  | 64.3   | 64.3   | 64.3  |
| ≥ 20000           | 71.4                       | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4   | 71.4   | 71.4  |
| ≥ 18000           | 71.4                       | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4   | 71.4   | 71.4  |
| ≥ 16000           | 71.4                       | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4   | 71.4   | 71.4  |
| ≥ 14000           | 71.4                       | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4  | 71.4   | 71.4   | 71.4  |
| ≥ 12000           | 76.2                       | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2  | 76.2   | 76.2   | 76.2  |
| ≥ 10000           | 81.0                       | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0   | 81.0   | 81.0  |
| ≥ 9000            | 81.0                       | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0   | 81.0   | 81.0  |
| ≥ 8000            | 81.0                       | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0   | 81.0   | 81.0  |
| ≥ 7000            | 83.3                       | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3   | 83.3   | 83.3  |
| ≥ 6000            | 90.5                       | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5   | 90.5   | 90.5  |
| ≥ 5000            | 92.9                       | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9   | 92.9   | 92.9  |
| ≥ 4500            | 92.9                       | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9   | 92.9   | 92.9  |
| ≥ 4000            | 95.2                       | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2   | 95.2  |
| ≥ 3500            | 95.2                       | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2   | 95.2  |
| ≥ 3000            | 95.2                       | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2   | 95.2  |
| ≥ 2500            | 95.2                       | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2   | 95.2  |
| ≥ 2000            | 95.2                       | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2   | 95.2  |
| ≥ 1800            | 95.2                       | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2   | 95.2  |
| ≥ 1500            | 95.2                       | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2   | 95.2  |
| ≥ 1200            | 95.2                       | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2   | 95.2  |
| ≥ 1000            | 97.6                       | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6   | 97.6   | 97.6  |
| ≥ 900             | 97.6                       | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6   | 97.6   | 97.6  |
| ≥ 800             | 97.6                       | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6   | 97.6   | 97.6  |
| ≥ 700             | 97.6                       | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6   | 97.6   | 97.6  |
| ≥ 600             | 97.6                       | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6   | 97.6   | 97.6  |
| ≥ 500             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| ≥ 400             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| ≥ 300             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| ≥ 200             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| ≥ 100             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |
| ≥ 0               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

42

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061 STATION SITE NM  
STATION NAME

01-73

YEARS

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

| CEILING<br>FEET       | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |       |       |       |       |        |      |
|-----------------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|-------|--------|------|
|                       | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2 1/2 | ≥ 2  | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1  | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0  |
| NO CEILING<br>≥ 20000 | 76.8                       | 76.8 | 76.8 | 76.8 | 76.8 | 76.8    | 76.8 | 76.8    | 76.8    | 76.8 | 76.8  | 76.8  | 76.8  | 76.8  | 76.8   | 76.8 |
| ≥ 18000               | 81.8                       | 81.8 | 81.8 | 81.8 | 81.8 | 81.8    | 81.8 | 81.8    | 81.8    | 81.8 | 81.8  | 81.8  | 81.8  | 81.8  | 81.8   | 81.8 |
| ≥ 16000               | 82.0                       | 82.0 | 82.0 | 82.0 | 82.0 | 82.0    | 82.0 | 82.0    | 82.0    | 82.0 | 82.0  | 82.0  | 82.0  | 82.0  | 82.0   | 82.0 |
| ≥ 14000               | 82.9                       | 82.9 | 82.9 | 82.9 | 82.9 | 82.9    | 82.9 | 82.9    | 82.9    | 82.9 | 82.9  | 82.9  | 82.9  | 82.9  | 82.9   | 82.9 |
| ≥ 12000               | 86.1                       | 86.1 | 86.1 | 86.1 | 86.1 | 86.1    | 86.1 | 86.1    | 86.1    | 86.1 | 86.1  | 86.1  | 86.1  | 86.1  | 86.1   | 86.1 |
| ≥ 10000               | 91.7                       | 91.7 | 91.7 | 91.7 | 91.7 | 91.7    | 91.7 | 91.7    | 91.7    | 91.7 | 91.7  | 91.7  | 91.7  | 91.7  | 91.7   | 91.7 |
| ≥ 9000                | 91.9                       | 91.9 | 91.9 | 91.9 | 91.9 | 91.9    | 91.9 | 91.9    | 91.9    | 91.9 | 91.9  | 91.9  | 91.9  | 91.9  | 91.9   | 91.9 |
| ≥ 8000                | 93.0                       | 93.0 | 93.0 | 93.0 | 93.0 | 93.0    | 93.0 | 93.0    | 93.0    | 93.0 | 93.0  | 93.0  | 93.0  | 93.0  | 93.0   | 93.0 |
| ≥ 7000                | 94.4                       | 94.4 | 94.4 | 94.4 | 94.4 | 94.4    | 94.4 | 94.4    | 94.4    | 94.4 | 94.4  | 94.4  | 94.4  | 94.4  | 94.4   | 94.4 |
| ≥ 6000                | 96.2                       | 96.2 | 96.2 | 96.2 | 96.2 | 96.2    | 96.2 | 96.2    | 96.2    | 96.2 | 96.2  | 96.2  | 96.2  | 96.2  | 96.2   | 96.2 |
| ≥ 5000                | 98.6                       | 98.6 | 98.6 | 98.6 | 98.6 | 98.6    | 98.6 | 98.6    | 98.6    | 98.6 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6   | 98.6 |
| ≥ 4500                | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7    | 98.7 | 98.7    | 98.7    | 98.7 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7   | 98.7 |
| ≥ 4000                | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 3500                | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 3000                | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 2500                | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 2000                | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 1800                | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 1500                | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 1200                | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 1000                | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 900                 | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 800                 | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 700                 | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 600                 | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 500                 | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 400                 | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 300                 | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 200                 | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 100                 | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |
| ≥ 0                   | 99.1                       | 99.1 | 99.1 | 99.1 | 99.1 | 99.1    | 99.1 | 99.1    | 99.1    | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1 |

TOTAL NUMBER OF OBSERVATIONS

555

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

61-73

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS LST

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |         |       |         |         |       |       |       |       |       |        |       |
|-----------------|----------------------------|-------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|-------|--------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2 1/2 | ≥ 2   | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1   | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0   |
| NO CEILING      | 79.1                       | 79.1  | 79.1  | 79.1  | 79.1  | 79.1    | 79.1  | 79.1    | 79.1    | 79.1  | 79.1  | 79.1  | 79.1  | 79.1  | 79.1   | 79.1  |
| ≥ 20000         | 84.3                       | 84.3  | 84.3  | 84.3  | 84.3  | 84.3    | 84.3  | 84.3    | 84.3    | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3   | 84.3  |
| IN 18000        | 84.4                       | 84.4  | 84.4  | 84.4  | 84.4  | 84.4    | 84.4  | 84.4    | 84.4    | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4   | 84.4  |
| IN 16000        | 84.6                       | 84.6  | 84.6  | 84.6  | 84.6  | 84.6    | 84.6  | 84.6    | 84.6    | 84.6  | 84.6  | 84.6  | 84.6  | 84.6  | 84.6   | 84.6  |
| IN 14000        | 85.3                       | 85.3  | 85.3  | 85.3  | 85.3  | 85.3    | 85.3  | 85.3    | 85.3    | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3   | 85.3  |
| IN 12000        | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2    | 88.2  | 88.2    | 88.2    | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2   | 88.2  |
| IN 10000        | 93.1                       | 93.1  | 93.1  | 93.1  | 93.1  | 93.1    | 93.1  | 93.1    | 93.1    | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1   | 93.1  |
| IN 9000         | 93.3                       | 93.3  | 93.3  | 93.3  | 93.3  | 93.3    | 93.3  | 93.3    | 93.3    | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3   | 93.3  |
| IN 8000         | 93.9                       | 93.9  | 93.9  | 93.9  | 93.9  | 93.9    | 93.9  | 93.9    | 93.9    | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9   | 93.9  |
| IN 7000         | 94.6                       | 94.6  | 94.6  | 94.6  | 94.6  | 94.6    | 94.6  | 94.6    | 94.6    | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6   | 94.6  |
| IN 6000         | 96.4                       | 96.4  | 96.4  | 96.4  | 96.4  | 96.4    | 96.4  | 96.4    | 96.4    | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4   | 96.4  |
| IN 5000         | 98.0                       | 98.0  | 98.0  | 98.0  | 98.0  | 98.0    | 98.0  | 98.0    | 98.0    | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0   | 98.0  |
| IN 4500         | 98.6                       | 98.6  | 98.6  | 98.6  | 98.6  | 98.6    | 98.6  | 98.6    | 98.6    | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6   | 98.6  |
| IN 4000         | 99.3                       | 99.3  | 99.3  | 99.3  | 99.3  | 99.3    | 99.3  | 99.3    | 99.3    | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  |
| IN 3500         | 99.7                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7    | 99.7  | 99.7    | 99.7    | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  |
| IN 3000         | 99.7                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7    | 99.7  | 99.7    | 99.7    | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  |
| IN 2500         | 99.8                       | 99.8  | 99.8  | 99.8  | 99.8  | 99.8    | 99.8  | 99.8    | 99.8    | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  |
| IN 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IN 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

838

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NH

61-73

YEARS

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING<br>FEET | VISIBILITY : STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥5/16 | ≥1/8  | ≥0    |
| NO CEILING      | 67.1                       | 67.1  | 67.1  | 67.1  | 67.1  | 67.1  | 67.1  | 67.1  | 67.1  | 67.1  | 67.1  | 67.1  | 67.1  | 67.1  | 67.1  | 67.1  |
| ≥ 20000         | 74.1                       | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  |
| IN 18000        | 74.1                       | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  |
| IN 16000        | 74.1                       | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  |
| IN 14000        | 74.1                       | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  |
| IN 12000        | 75.7                       | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  | 75.7  |
| IN 10000        | 77.5                       | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  | 77.5  |
| IN 9000         | 78.6                       | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  | 78.6  |
| IN 8000         | 81.0                       | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  | 81.0  |
| IN 7000         | 82.5                       | 82.5  | 82.5  | 82.5  | 82.5  | 82.5  | 82.5  | 82.5  | 82.5  | 82.5  | 82.5  | 82.5  | 82.5  | 82.5  | 82.5  | 82.5  |
| IN 6000         | 91.3                       | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  |
| IN 5000         | 96.2                       | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  |
| IN 4500         | 97.2                       | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  |
| IN 4000         | 99.5                       | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IN 3500         | 99.6                       | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| IN 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

946

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

92061 STALLION SITE NM

61-73

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING<br>FEET       | VISIBILITY STATUTE MILES |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------------|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                       | ≥10                      | ≥6   | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥5/16 | ≥4/16 | ≥0    |
| NO CEILING<br>≥ 20000 | 47.5                     | 47.5 | 47.5  | 47.5  | 47.5  | 47.5  | 47.5  | 47.5  | 47.5  | 47.5  | 47.5  | 47.5  | 47.5  | 47.5  | 47.5  | 47.5  |
| IN 18000              | 60.7                     | 60.7 | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  |
| IN 16000              | 60.7                     | 60.7 | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  |
| IN 14000              | 60.7                     | 60.7 | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  |
| IN 12000              | 61.7                     | 61.7 | 61.7  | 61.7  | 61.7  | 61.7  | 61.7  | 61.7  | 61.7  | 61.7  | 61.7  | 61.7  | 61.7  | 61.7  | 61.7  | 61.7  |
| IN 10000              | 65.7                     | 65.7 | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  |
| IN 9000               | 68.9                     | 68.9 | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  |
| IN 8000               | 71.6                     | 71.6 | 71.6  | 71.6  | 71.6  | 71.6  | 71.6  | 71.6  | 71.6  | 71.6  | 71.6  | 71.6  | 71.6  | 71.6  | 71.6  | 71.6  |
| IN 7000               | 75.9                     | 75.9 | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  |
| IN 6000               | 85.1                     | 85.1 | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  | 85.1  |
| IN 5000               | 94.8                     | 94.8 | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  |
| IN 4500               | 95.8                     | 95.8 | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  |
| IN 4000               | 99.8                     | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IN 3500               | 99.8                     | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IN 3000               | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 2500               | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 2000               | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1800               | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1500               | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1200               | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1000               | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 900                | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 800                | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 700                | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 600                | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 500                | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 400                | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 300                | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 200                | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 100                | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 0                  | 99.8                     | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

402

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

61-67,69,71

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6   | ≥5   | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥1/16 | ≥0    | ≥0    |
| NO CEILING      | 42.6                       | 42.6 | 42.6 | 42.6  | 42.6  | 42.6  | 42.6  | 42.6  | 42.6  | 42.6  | 42.6  | 42.6  | 42.6  | 42.6  | 42.6  | 42.6  |
| ≥ 20000         | 63.0                       | 63.0 | 63.0 | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  |
| IN 18000        | 63.0                       | 63.0 | 63.0 | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  |
| IN 16000        | 63.0                       | 63.0 | 63.0 | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  |
| IN 14000        | 63.0                       | 63.0 | 63.0 | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  |
| IN 12000        | 63.0                       | 63.0 | 63.0 | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  |
| IN 10000        | 68.5                       | 68.5 | 68.5 | 68.5  | 68.5  | 68.5  | 68.5  | 68.5  | 68.5  | 68.5  | 68.5  | 68.5  | 68.5  | 68.5  | 68.5  | 68.5  |
| IN 9000         | 74.1                       | 74.1 | 74.1 | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  | 74.1  |
| IN 8000         | 79.6                       | 79.6 | 79.6 | 79.6  | 79.6  | 79.6  | 79.6  | 79.6  | 79.6  | 79.6  | 79.6  | 79.6  | 79.6  | 79.6  | 79.6  | 79.6  |
| IN 7000         | 83.3                       | 83.3 | 83.3 | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  | 83.3  |
| IN 6000         | 90.7                       | 90.7 | 90.7 | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  |
| IN 5000         | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 4500         | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 4000         | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 3500         | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 3000         | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 2500         | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 2000         | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1800         | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1500         | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1200         | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1000         | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 900          | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 800          | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 700          | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 600          | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 500          | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 400          | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 300          | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 200          | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 100          | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 0            | 98.1                       | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

54



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STATION 2100-2300

63,65-67,69,73

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/10 | ≥ 0   | ≥ 0   |
| NO CEILING        | 59.0                       | 59.0  | 59.0  | 59.0  | 59.0  | 59.0  | 59.0  | 59.0  | 59.0  | 59.0  | 59.0  | 59.0  | 59.0  | 59.0   | 59.0  | 59.0  |
| ≥ 20000           | 76.9                       | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9   | 76.9  | 76.9  |
| ≥ 18000           | 76.9                       | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9   | 76.9  | 76.9  |
| ≥ 16000           | 76.9                       | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9   | 76.9  | 76.9  |
| ≥ 14000           | 76.9                       | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9   | 76.9  | 76.9  |
| ≥ 12000           | 76.9                       | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9   | 76.9  | 76.9  |
| ≥ 10000           | 76.9                       | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9  | 76.9   | 76.9  | 76.9  |
| ≥ 9000            | 82.1                       | 82.1  | 82.1  | 82.1  | 82.1  | 82.1  | 82.1  | 82.1  | 82.1  | 82.1  | 82.1  | 82.1  | 82.1  | 82.1   | 82.1  | 82.1  |
| ≥ 8000            | 92.3                       | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3   | 92.3  | 92.3  |
| ≥ 7000            | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  | 94.9  |
| ≥ 6000            | 97.4                       | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  | 97.4  |
| ≥ 5000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

29

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

63,65-67,73

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |         |       |         |         |       |       |       |       |        |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2 1/2 | ≥ 2   | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1   | ≥ 3/4 | ≥ 3/8 | ≥ 1/2 | ≥ 5/16 | ≥ 1/4 | ≥ 0   |
| NO CEILING        | 68.8                       | 68.8  | 68.8  | 68.8  | 68.8  | 68.8    | 68.8  | 68.8    | 68.8    | 68.8  | 68.8  | 68.8  | 68.8  | 68.8   | 68.8  | 68.8  |
| ≥ 20000           | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0    | 75.0  | 75.0    | 75.0    | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| IV 18000          | 75.0                       | 75.0  | 75.0  | 75.0  | 75.0  | 75.0    | 75.0  | 75.0    | 75.0    | 75.0  | 75.0  | 75.0  | 75.0  | 75.0   | 75.0  | 75.0  |
| IV 16000          | 81.3                       | 81.3  | 81.3  | 81.3  | 81.3  | 81.3    | 81.3  | 81.3    | 81.3    | 81.3  | 81.3  | 81.3  | 81.3  | 81.3   | 81.3  | 81.3  |
| IV 14000          | 81.3                       | 81.3  | 81.3  | 81.3  | 81.3  | 81.3    | 81.3  | 81.3    | 81.3    | 81.3  | 81.3  | 81.3  | 81.3  | 81.3   | 81.3  | 81.3  |
| IV 12000          | 87.5                       | 87.5  | 87.5  | 87.5  | 87.5  | 87.5    | 87.5  | 87.5    | 87.5    | 87.5  | 87.5  | 87.5  | 87.5  | 87.5   | 87.5  | 87.5  |
| IV 10000          | 87.5                       | 87.5  | 87.5  | 87.5  | 87.5  | 87.5    | 87.5  | 87.5    | 87.5    | 87.5  | 87.5  | 87.5  | 87.5  | 87.5   | 87.5  | 87.5  |
| IV 9000           | 87.5                       | 87.5  | 87.5  | 87.5  | 87.5  | 87.5    | 87.5  | 87.5    | 87.5    | 87.5  | 87.5  | 87.5  | 87.5  | 87.5   | 87.5  | 87.5  |
| IV 8000           | 93.8                       | 93.8  | 93.8  | 93.8  | 93.8  | 93.8    | 93.8  | 93.8    | 93.8    | 93.8  | 93.8  | 93.8  | 93.8  | 93.8   | 93.8  | 93.8  |
| IV 7000           | 93.8                       | 93.8  | 93.8  | 93.8  | 93.8  | 93.8    | 93.8  | 93.8    | 93.8    | 93.8  | 93.8  | 93.8  | 93.8  | 93.8   | 93.8  | 93.8  |
| IV 6000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 5000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 4500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 4000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 3500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 3000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0              | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

16

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

63-67,73

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0500

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1.0 | ≥ .5  | ≥ .4  | ≥ .3  | ≥ .25 | ≥ .2  | ≥ .15 | ≥ 0   |
| NO CEILING      | 70.6                       | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  | 70.6  |
| ≥ 20000         | 73.5                       | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  |
| ≥ 18000         | 73.5                       | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  |
| ≥ 16000         | 82.4                       | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  |
| ≥ 14000         | 82.4                       | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  |
| ≥ 12000         | 82.4                       | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  | 82.4  |
| ≥ 10000         | 97.1                       | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| ≥ 9000          | 97.1                       | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| ≥ 8000          | 97.1                       | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| ≥ 7000          | 97.1                       | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| ≥ 6000          | 97.1                       | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| ≥ 5000          | 97.1                       | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| ≥ 4500          | 97.1                       | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| ≥ 4000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 34

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

61-73

S.F.P.

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

6406-0800

| CEILING<br>FEET | VISIBILITY STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 | ≥ 10                     | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ¾    | ¾    | ¾    | ¾    | ¾    | ¾    |
| NO CEILING      | 74.3                     | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 20000         | 81.3                     | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| IV 18000        | 81.5                     | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| IV 16000        | 81.5                     | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| IV 14000        | 83.4                     | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| IV 12000        | 86.0                     | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| IV 10000        | 90.9                     | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 9000         | 90.9                     | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 8000         | 91.4                     | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 7000         | 92.3                     | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 6000         | 95.6                     | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| IV 5000         | 97.2                     | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 4500         | 97.7                     | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 4000         | 99.1                     | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 3500         | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 3000         | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 2500         | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 2000         | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 1800         | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 1500         | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 1200         | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 1000         | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 900          | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 800          | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 700          | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 600          | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 500          | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 400          | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 300          | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 200          | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 100          | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 0            | 99.3                     | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS

429

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM  
STATION NAME

01-73

YEAR

SFP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0220-1100

| CEILING<br>FEET | VISIBILITY STATUTE MILES |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                      | ≥6   | ≥5    | ≥4    | ≥3    | ≥2    | ≥2    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    |
| NO CEILING      | 75.9                     | 75.9 | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  | 75.9  |
| ≥ 20000         | 82.2                     | 82.2 | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  |
| IV 18000        | 82.2                     | 82.2 | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  | 82.2  |
| IV 16000        | 82.6                     | 82.6 | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  |
| IV 14000        | 84.4                     | 84.4 | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  |
| IV 12000        | 88.0                     | 88.0 | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  | 88.0  |
| IV 10000        | 90.6                     | 90.6 | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  |
| IV 9000         | 91.2                     | 91.2 | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  |
| IV 8000         | 92.1                     | 92.1 | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  |
| IV 7000         | 92.7                     | 92.7 | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  |
| IV 6000         | 93.9                     | 93.9 | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  |
| IV 5000         | 97.7                     | 97.7 | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  |
| IV 4500         | 97.7                     | 97.7 | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  |
| IV 4000         | 98.5                     | 98.5 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  |
| IV 3500         | 98.8                     | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| IV 3000         | 99.6                     | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| IV 2500         | 99.6                     | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| IV 2000         | 99.6                     | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 1800         | 99.6                     | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 1500         | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 99.6                     | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

684

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061 STATION 91-73

91-73

EP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1256-1400

| CEILING<br>FEET       | VISIBILITY STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | ≥10                      | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.5  | ≥.4  | ≥.3  | ≥.25 | ≥.2  | ≥0   |
| NO CEILING<br>≥ 20000 | 71.8                     | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| IV 18000              | 78.2                     | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| IV 16000              | 78.7                     | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| IV 14000              | 80.6                     | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 12000              | 82.6                     | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| IV 10000              | 84.5                     | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| IV 9000               | 85.3                     | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| IV 8000               | 87.2                     | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| IV 7000               | 89.1                     | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 6000               | 92.8                     | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| IV 5000               | 95.0                     | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| IV 4500               | 96.2                     | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| IV 4000               | 98.5                     | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 3500               | 99.1                     | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 3000               | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 2500               | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 2000               | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 1800               | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 1500               | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 1200               | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 1000               | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 900                | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 800                | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 700                | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 600                | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 500                | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 400                | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 300                | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 200                | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 100                | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 0                  | 99.6                     | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS

685

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

92061 STALLION SITE NM

61-73

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING<br>FEET | VISIBILITY, STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                       | ≥8    | ≥5    | ≥4    | ≥3    | ≥2    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    |
| NO CEILING      | 50.8                      | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  |
| ≥ 20000         | 68.1                      | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  |
| ≥ 18000         | 68.1                      | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  | 68.1  |
| ≥ 16000         | 68.4                      | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  |
| ≥ 14000         | 70.5                      | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  |
| ≥ 12000         | 72.0                      | 72.0  | 72.0  | 72.0  | 72.0  | 72.0  | 72.0  | 72.0  | 72.0  | 72.0  | 72.0  | 72.0  | 72.0  | 72.0  | 72.0  | 72.0  |
| ≥ 10000         | 74.3                      | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  |
| ≥ 9000          | 74.3                      | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  | 74.3  |
| ≥ 8000          | 79.9                      | 80.2  | 80.2  | 80.2  | 80.2  | 80.2  | 80.2  | 80.2  | 80.2  | 80.2  | 80.2  | 80.2  | 80.2  | 80.2  | 80.2  | 80.2  |
| ≥ 7000          | 84.1                      | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  | 84.4  |
| ≥ 6000          | 89.4                      | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  | 89.7  |
| ≥ 5000          | 93.8                      | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  |
| ≥ 4500          | 95.0                      | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  |
| ≥ 4000          | 98.8                      | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 3500          | 99.4                      | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 3000          | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500          | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000          | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800          | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500          | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200          | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000          | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900           | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800           | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700           | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600           | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500           | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400           | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300           | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200           | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100           | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0             | 99.7                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

229

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

63-67,69,71-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ¾     | ¾     | ¾     | ¾     | ¾     | ≥0    |
| NO CEILING      | 76.5                       | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  | 76.5  |
| ≥ 20000         | 80.4                       | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  |
| IV ≥ 18000      | 80.4                       | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  |
| IV ≥ 16000      | 80.4                       | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  |
| IV ≥ 14000      | 80.4                       | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  | 80.4  |
| IV ≥ 12000      | 84.3                       | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  | 84.3  |
| IV ≥ 10000      | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| IV ≥ 9000       | 88.2                       | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| IV ≥ 8000       | 94.1                       | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  |
| IV ≥ 7000       | 94.1                       | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  |
| IV ≥ 6000       | 98.0                       | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  |
| IV ≥ 5000       | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 4500       | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 4000       | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 3500       | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 3000       | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 2500       | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 2000       | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 1800       | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 1500       | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 1200       | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 1000       | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 900        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 800        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 700        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 600        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 500        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 400        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 300        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 200        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 100        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 0          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

51



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

63-67,69,71

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS LST

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/8 | ≥ 1/16 | ≥ 0   |
| NO CEILING      | 71.1                       | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1  | 71.1   | 71.1  |
| ≥ 20000         | 81.6                       | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6   | 81.6  |
| IV 18000        | 81.6                       | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6   | 81.6  |
| IV 16000        | 81.6                       | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6   | 81.6  |
| IV 14000        | 81.6                       | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6   | 81.6  |
| IV 12000        | 81.6                       | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6   | 81.6  |
| IV 10000        | 81.6                       | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6   | 81.6  |
| IV 9000         | 81.6                       | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6  | 81.6   | 81.6  |
| IV 8000         | 92.1                       | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1   | 92.1  |
| IV 7000         | 92.1                       | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1   | 92.1  |
| IV 6000         | 97.4                       | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  |
| IV 5000         | 97.4                       | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  |
| IV 4500         | 97.4                       | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  |
| IV 4000         | 97.4                       | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  |
| IV 3500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

24

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

66

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |         |       |         |         |       |       |       |       |        |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|--------|-------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2 1/2 | ≥ 2   | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1   | ≥ 3/4 | ≥ 3/8 | ≥ 1/2 | ≥ 5/16 | ≥ 1/4 | ≥ 0   |
| NO CEILING      | 40.0                       | 40.0  | 40.0  | 40.0  | 40.0  | 40.0    | 40.0  | 40.0    | 40.0    | 40.0  | 40.0  | 40.0  | 40.0  | 40.0   | 40.0  | 40.0  |
| ≥ 20000         | 40.0                       | 40.0  | 40.0  | 40.0  | 40.0  | 40.0    | 40.0  | 40.0    | 40.0    | 40.0  | 40.0  | 40.0  | 40.0  | 40.0   | 40.0  | 40.0  |
| ≥ 18000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 16000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 14000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 12000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 10000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 9000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 8000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 7000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 6000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 5000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

5

USAF ETAC

FORM  
JUL 64

0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

92061

STATION SITE NM

63-66, 73

CT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0500

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥1/8  | ≥5/16 | ≥0    |
| NO CEILING      | 73.9                       | 73.9  | 73.9  | 73.9  | 73.9  | 73.9  | 73.9  | 73.9  | 73.9  | 73.9  | 73.9  | 73.9  | 73.9  | 73.9  | 73.9  | 73.9  |
| ≥ 20000         | 82.6                       | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  | 82.6  |
| IN 18000        | 87.0                       | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  |
| IN 16000        | 87.0                       | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  |
| IN 14000        | 87.0                       | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  |
| IN 12000        | 91.3                       | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  |
| IN 10000        | 91.3                       | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  |
| IN 9000         | 91.3                       | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  |
| IN 8000         | 91.3                       | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  |
| IN 7000         | 91.3                       | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  |
| IN 6000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 5000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 4500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 4000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 3500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 22

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

92061

STALLION SITE NM

61.63-73

LCY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |       |       |       |       |        |      |
|-----------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|-------|--------|------|
|                 | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2 1/2 | ≥ 2  | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1  | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0  |
| NO CEILING      | 79.4                       | 79.4 | 79.4 | 79.4 | 79.4 | 79.4    | 79.4 | 79.4    | 79.4    | 79.4 | 79.4  | 79.4  | 79.4  | 79.4  | 79.4   | 79.4 |
| ≥ 20000         | 87.4                       | 87.4 | 87.4 | 87.4 | 87.4 | 87.4    | 87.4 | 87.4    | 87.4    | 87.4 | 87.4  | 87.4  | 87.4  | 87.4  | 87.4   | 87.4 |
| ≥ 18000         | 87.6                       | 87.6 | 87.6 | 87.6 | 87.6 | 87.6    | 87.6 | 87.6    | 87.6    | 87.6 | 87.6  | 87.6  | 87.6  | 87.6  | 87.6   | 87.6 |
| ≥ 16000         | 87.6                       | 87.6 | 87.6 | 87.6 | 87.6 | 87.6    | 87.6 | 87.6    | 87.6    | 87.6 | 87.6  | 87.6  | 87.6  | 87.6  | 87.6   | 87.6 |
| ≥ 14000         | 88.5                       | 88.5 | 88.5 | 88.5 | 88.5 | 88.5    | 88.5 | 88.5    | 88.5    | 88.5 | 88.5  | 88.5  | 88.5  | 88.5  | 88.5   | 88.5 |
| ≥ 12000         | 90.2                       | 90.2 | 90.2 | 90.2 | 90.2 | 90.2    | 90.2 | 90.2    | 90.2    | 90.2 | 90.2  | 90.2  | 90.2  | 90.2  | 90.2   | 90.2 |
| ≥ 10000         | 92.7                       | 92.7 | 92.7 | 92.7 | 92.7 | 92.7    | 92.7 | 92.7    | 92.7    | 92.7 | 92.7  | 92.7  | 92.7  | 92.7  | 92.7   | 92.7 |
| ≥ 9000          | 93.0                       | 93.0 | 93.0 | 93.0 | 93.0 | 93.0    | 93.0 | 93.0    | 93.0    | 93.0 | 93.0  | 93.0  | 93.0  | 93.0  | 93.0   | 93.0 |
| ≥ 8000          | 93.2                       | 93.2 | 93.2 | 93.2 | 93.2 | 93.2    | 93.2 | 93.2    | 93.2    | 93.2 | 93.2  | 93.2  | 93.2  | 93.2  | 93.2   | 93.2 |
| ≥ 7000          | 93.4                       | 93.4 | 93.4 | 93.4 | 93.4 | 93.4    | 93.4 | 93.4    | 93.4    | 93.4 | 93.4  | 93.4  | 93.4  | 93.4  | 93.4   | 93.4 |
| ≥ 6000          | 94.1                       | 94.1 | 94.1 | 94.1 | 94.1 | 94.1    | 94.1 | 94.1    | 94.1    | 94.1 | 94.1  | 94.1  | 94.1  | 94.1  | 94.1   | 94.1 |
| ≥ 5000          | 95.8                       | 95.8 | 95.8 | 95.8 | 95.8 | 95.8    | 95.8 | 95.8    | 95.8    | 95.8 | 95.8  | 95.8  | 95.8  | 95.8  | 95.8   | 95.8 |
| ≥ 4500          | 96.7                       | 96.7 | 96.7 | 96.7 | 96.7 | 96.7    | 96.7 | 96.7    | 96.7    | 96.7 | 96.7  | 96.7  | 96.7  | 96.7  | 96.7   | 96.7 |
| ≥ 4000          | 97.4                       | 97.4 | 97.4 | 97.4 | 97.4 | 97.4    | 97.4 | 97.4    | 97.4    | 97.4 | 97.4  | 97.4  | 97.4  | 97.4  | 97.4   | 97.4 |
| ≥ 3500          | 97.4                       | 97.4 | 97.4 | 97.4 | 97.4 | 97.4    | 97.4 | 97.4    | 97.4    | 97.4 | 97.4  | 97.4  | 97.4  | 97.4  | 97.4   | 97.4 |
| ≥ 3000          | 97.9                       | 97.9 | 97.9 | 97.9 | 97.9 | 97.9    | 97.9 | 97.9    | 97.9    | 97.9 | 97.9  | 97.9  | 97.9  | 97.9  | 97.9   | 97.9 |
| ≥ 2500          | 98.4                       | 98.4 | 98.4 | 98.4 | 98.4 | 98.4    | 98.4 | 98.4    | 98.4    | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4 |
| ≥ 2000          | 98.4                       | 98.4 | 98.4 | 98.4 | 98.4 | 98.4    | 98.4 | 98.4    | 98.4    | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4 |
| ≥ 1800          | 98.4                       | 98.4 | 98.4 | 98.4 | 98.4 | 98.4    | 98.4 | 98.4    | 98.4    | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4 |
| ≥ 1500          | 98.4                       | 98.4 | 98.4 | 98.4 | 98.4 | 98.4    | 98.4 | 98.4    | 98.4    | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4 |
| ≥ 1200          | 98.4                       | 98.4 | 98.4 | 98.4 | 98.4 | 98.4    | 98.4 | 98.4    | 98.4    | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4 |
| ≥ 1000          | 98.4                       | 98.4 | 98.4 | 98.4 | 98.4 | 98.4    | 98.4 | 98.4    | 98.4    | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4 |
| ≥ 900           | 98.4                       | 98.4 | 98.4 | 98.4 | 98.4 | 98.4    | 98.4 | 98.4    | 98.4    | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4 |
| ≥ 800           | 98.4                       | 98.4 | 98.4 | 98.4 | 98.4 | 98.4    | 98.4 | 98.4    | 98.4    | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4 |
| ≥ 700           | 98.8                       | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| ≥ 600           | 98.8                       | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| ≥ 500           | 98.8                       | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| ≥ 400           | 98.8                       | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| ≥ 300           | 98.8                       | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| ≥ 200           | 98.8                       | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| ≥ 100           | 98.8                       | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| ≥ 0             | 98.8                       | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |

TOTAL NUMBER OF OBSERVATIONS 427

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061  
STATION

STALLION SITE NM  
STATION NAME

61,63-73  
YEARS

CT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |       |        |       |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|-------|
|                 | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 1/8 | ≥ 1/16 | ≥ 0   |
| NO CEILING      | 79.7                       | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7  | 79.7   | 79.7  |
| ≥ 20000         | 87.4                       | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4  | 87.4   | 87.4  |
| ≥ 18000         | 87.4                       | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4  | 87.4   | 87.4  |
| ≥ 16000         | 87.4                       | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4  | 87.4   | 87.4  |
| ≥ 14000         | 88.4                       | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4  | 88.4   | 88.4  |
| ≥ 12000         | 90.7                       | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7  | 90.7   | 90.7  |
| ≥ 10000         | 92.7                       | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7  | 92.7   | 92.7  |
| ≥ 9000          | 93.2                       | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2  | 93.2   | 93.2  |
| ≥ 8000          | 93.4                       | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4  | 93.4   | 93.4  |
| ≥ 7000          | 93.4                       | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4  | 93.4   | 93.4  |
| ≥ 6000          | 94.1                       | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1  | 94.1   | 94.1  |
| ≥ 5000          | 96.1                       | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1  | 96.1   | 96.1  |
| ≥ 4500          | 97.1                       | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1  | 97.1   | 97.1  |
| ≥ 4000          | 98.1                       | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1   | 98.1  |
| ≥ 3500          | 98.1                       | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1   | 98.1  |
| ≥ 3000          | 98.2                       | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2  | 98.2   | 98.2  |
| ≥ 2500          | 98.3                       | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3  | 98.3   | 98.3  |
| ≥ 2000          | 98.3                       | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3  | 98.3   | 98.3  |
| ≥ 1800          | 98.3                       | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3  | 98.3   | 98.3  |
| ≥ 1500          | 98.3                       | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3  | 98.3   | 98.3  |
| ≥ 1200          | 98.3                       | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3  | 98.3   | 98.3  |
| ≥ 1000          | 98.3                       | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3  | 98.3   | 98.3  |
| ≥ 900           | 98.3                       | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3  | 98.3   | 98.3  |
| ≥ 800           | 99.3                       | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3   | 99.3  |
| ≥ 700           | 99.3                       | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3   | 99.3  |
| ≥ 600           | 99.3                       | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3   | 99.3  |
| ≥ 500           | 99.3                       | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3   | 99.3  |
| ≥ 400           | 99.3                       | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3   | 99.3  |
| ≥ 300           | 99.3                       | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3   | 99.3  |
| ≥ 200           | 99.3                       | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3   | 99.3  |
| ≥ 100           | 99.3                       | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3   | 99.3  |
| ≥ 0             | 99.3                       | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3   | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 724

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93001 STALLION SITE NM

01.63-73

CT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |        |      |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|------|
|                 | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 1/8 | ≥ 1/16 | ≥ 0  |
| NO CEILING      | 75.6                       | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6  | 75.6   | 75.6 |
| ≥ 20000         | 85.5                       | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5  | 85.5   | 85.5 |
| ≥ 18000         | 85.5                       | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5  | 85.5   | 85.5 |
| ≥ 16000         | 85.6                       | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6  | 85.6   | 85.6 |
| ≥ 14000         | 86.8                       | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8  | 86.8   | 86.8 |
| ≥ 12000         | 88.3                       | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3  | 88.3   | 88.3 |
| ≥ 10000         | 90.7                       | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7  | 90.7   | 90.7 |
| ≥ 9000          | 90.9                       | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9  | 90.9   | 90.9 |
| ≥ 8000          | 91.4                       | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4  | 91.4   | 91.4 |
| ≥ 7000          | 91.5                       | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5  | 91.5   | 91.5 |
| ≥ 6000          | 93.9                       | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9  | 93.9   | 93.9 |
| ≥ 5000          | 96.0                       | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0  | 96.0   | 96.0 |
| ≥ 4500          | 97.1                       | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1  | 97.1   | 97.1 |
| ≥ 4000          | 98.3                       | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3  | 98.3   | 98.3 |
| ≥ 3500          | 98.5                       | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5   | 98.5 |
| ≥ 3000          | 98.5                       | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5   | 98.5 |
| ≥ 2500          | 98.5                       | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5   | 98.5 |
| ≥ 2000          | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.7   | 98.7 |
| ≥ 1800          | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.7   | 98.7 |
| ≥ 1500          | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.7   | 98.7 |
| ≥ 1200          | 98.7                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.7   | 98.7 |
| ≥ 1000          | 98.9                       | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9   | 98.9 |
| ≥ 900           | 99.2                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2   | 99.2 |
| ≥ 800           | 99.3                       | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3   | 99.3 |
| ≥ 700           | 99.4                       | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4   | 99.4 |
| ≥ 600           | 99.4                       | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4   | 99.4 |
| ≥ 500           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 400           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 300           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 200           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 100           | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 0             | 99.6                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6   | 99.6 |

TOTAL NUMBER OF OBSERVATIONS

717

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

01.63-73

CT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS 151

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥1/16 | ≥0    | ≥0    |
| NO CEILING      | 73.7                       | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  | 73.7  |
| ≥ 20000         | 85.6                       | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  |
| IV 18000        | 85.9                       | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  | 85.9  |
| IV 16000        | 86.2                       | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  | 86.2  |
| IV 14000        | 87.0                       | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  |
| IV 12000        | 89.3                       | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  | 89.3  |
| IV 10000        | 91.5                       | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  |
| IV 9000         | 91.5                       | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  |
| IV 8000         | 92.4                       | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  |
| IV 7000         | 92.4                       | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  |
| IV 6000         | 95.5                       | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  |
| IV 5000         | 96.9                       | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  |
| IV 4500         | 97.5                       | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  |
| IV 4000         | 98.3                       | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  |
| IV 3500         | 98.6                       | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| IV 3000         | 99.2                       | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| IV 2500         | 99.2                       | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| IV 2000         | 99.4                       | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 1800         | 99.4                       | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 1500         | 99.4                       | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 1200         | 99.4                       | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 1000         | 99.4                       | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 900          | 99.7                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 800          | 99.7                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 700          | 99.7                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 600          | 99.7                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 500          | 99.7                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 400          | 99.7                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

154

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NH

63-67,70,72

ACT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1400-2000

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1.4  | ≥1    | ≥.5   | ≥.4   | ≥.3   | ≥.25  | ≥.2   | ≥.1   |
| NO CEILING      | 88.6                       | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  |
| ≥ 20000         | 88.6                       | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  |
| IV 18000        | 88.6                       | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  |
| IV 16000        | 88.6                       | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  |
| IV 14000        | 88.6                       | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  |
| IV 12000        | 88.6                       | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  |
| IV 10000        | 88.6                       | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  |
| IV 9000         | 88.6                       | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  |
| IV 8000         | 91.4                       | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  |
| IV 7000         | 91.4                       | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  |
| IV 6000         | 91.4                       | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  |
| IV 5000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 82



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

64-66,72

CT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING<br>(FEET) | VISIBILITY - STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |       |        |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 1/8 | ≥ 1/16 | ≥ 0  |
| NO CEILING        | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4  | 82.4   | 82.4 |
| ≥ 20000           | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4  | 82.4   | 82.4 |
| IV 18000          | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4  | 82.4   | 82.4 |
| IV 16000          | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4  | 82.4   | 82.4 |
| IV 14000          | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4  | 82.4   | 82.4 |
| IV 12000          | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4  | 82.4   | 82.4 |
| IV 10000          | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4  | 82.4   | 82.4 |
| IV 9000           | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4  | 82.4   | 82.4 |
| IV 8000           | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4  | 82.4   | 82.4 |
| IV 7000           | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4  | 82.4   | 82.4 |
| IV 6000           | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4  | 82.4   | 82.4 |
| IV 5000           | 82.4                       | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4  | 82.4   | 82.4 |
| IV 4500           | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 4000           | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 3500           | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 3000           | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 2500           | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 2000           | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 1800           | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 1500           | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 1200           | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 1000           | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 900            | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 800            | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 700            | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 600            | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 500            | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 400            | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 300            | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 200            | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 100            | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |
| IV 0              | 88.2                       | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2   | 88.2 |

TOTAL NUMBER OF OBSERVATIONS

17

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

92061

STALLION SITE NM

64,66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0606-0200

| CEILING<br>FEET | VISIBILITY, STATUTE MILES |       |       |       |       |        |       |        |        |       |       |       |       |       |        |        |
|-----------------|---------------------------|-------|-------|-------|-------|--------|-------|--------|--------|-------|-------|-------|-------|-------|--------|--------|
|                 | ≥10                       | ≥6    | ≥5    | ≥4    | ≥3    | ≥2 1/2 | ≥2    | ≥1 1/2 | ≥1 1/4 | ≥1    | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 1/32 |
| NO CEILING      | 66.7                      | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7  | 66.7   | 66.7   | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7   |
| ≥ 20000         | 66.7                      | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7  | 66.7   | 66.7   | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7   |
| IV 18000        | 66.7                      | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7  | 66.7   | 66.7   | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7   |
| IV 16000        | 66.7                      | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7  | 66.7   | 66.7   | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7   |
| IV 14000        | 66.7                      | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7  | 66.7   | 66.7   | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7   |
| IV 12000        | 66.7                      | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7  | 66.7   | 66.7   | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7   |
| IV 10000        | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 9000         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 8000         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 7000         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 6000         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 5000         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 4500         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 4000         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 3500         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 3000         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 2500         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 2000         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 1800         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 1500         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 1200         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 1000         | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 900          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 800          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 700          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 600          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 500          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 400          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 300          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 200          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV 100          | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |
| IV Q            | 100.0                     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  |

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

64,66-67,73

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0500

| CEILING<br>FEET | VISIBILITY STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-----------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                 | ≥ 10                     | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1   | ≥ .5  | ≥ .25 | ≥ .1  | ≥ .05 | ≥ .025 | ≥ .01 | ≥ 0   |
| NO CEILING      | 54.5                     | 54.5  | 54.5  | 54.5  | 54.5  | 54.5  | 54.5  | 54.5  | 54.5  | 54.5  | 54.5  | 54.5  | 54.5  | 54.5   | 54.5  | 54.5  |
| ≥ 20000         | 81.8                     | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8   | 81.8  | 81.8  |
| WV 18000        | 81.8                     | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8   | 81.8  | 81.8  |
| WV 16000        | 81.8                     | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8   | 81.8  | 81.8  |
| WV 14000        | 81.8                     | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8   | 81.8  | 81.8  |
| WV 12000        | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 10000        | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 9000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 8000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 7000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 6000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 5000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 4500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 4000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 3500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 3000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 2500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 2000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 1800         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 1500         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 1200         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 1000         | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 900          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 800          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 700          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 600          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 500          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 400          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 300          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 200          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 100          | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| WV 0            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

11

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

61,63-73

NDV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING<br>FEET | VISIBILITY STATUTE MILES |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |
|-----------------|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
|                 | ≥10                      | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.25 | ≥1   | ≥.75 | ≥.5  | ≥.25 | ≥.16 | ≥.1  | ≥0   |
| NO CEILING      | 68.0                     | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0  | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 20000         | 79.1                     | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1  | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 18000         | 79.1                     | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1  | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 16000         | 79.1                     | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1  | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 14000         | 79.5                     | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5  | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 12000         | 83.1                     | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1  | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 10000         | 87.1                     | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1  | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 9000          | 87.4                     | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4  | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 8000          | 89.6                     | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6  | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 7000          | 90.6                     | 90.6 | 90.6 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0  | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 6000          | 93.2                     | 93.2 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5  | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 5000          | 95.0                     | 95.0 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3  | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 4500          | 95.0                     | 95.0 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3  | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 4000          | 96.4                     | 96.4 | 96.4 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1  | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 3500          | 97.1                     | 97.1 | 97.1 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8  | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 3000          | 97.1                     | 97.1 | 97.1 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8  | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 2500          | 97.5                     | 97.5 | 97.5 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2  | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2000          | 97.5                     | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6  | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1800          | 97.5                     | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6  | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1500          | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200          | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000          | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900           | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 800           | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700           | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600           | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500           | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 400           | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 300           | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 200           | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 100           | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 0             | 97.8                     | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS 279

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 93061 STATION SITE YM YEARS 61,62-73 MONTH NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

6900-1100  
HOURS LST

| CEILING<br>FEET | VISIBILITY STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 | ≥10                      | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.5  | ≥.4  | ≥.3  | ≥.25 | ≥.2  | ≥.1  |
| NO CEILING      | 70.3                     | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 20000         | 82.0                     | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| IV ≥ 18000      | 82.0                     | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| IV ≥ 16000      | 82.1                     | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| IV ≥ 14000      | 82.6                     | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| IV ≥ 12000      | 84.8                     | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| IV ≥ 10000      | 88.3                     | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| IV ≥ 9000       | 88.3                     | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| IV ≥ 8000       | 89.8                     | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| IV ≥ 7000       | 90.4                     | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| IV ≥ 6000       | 93.5                     | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV ≥ 5000       | 95.5                     | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| IV ≥ 4500       | 95.5                     | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| IV ≥ 4000       | 96.7                     | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| IV ≥ 3500       | 97.0                     | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV ≥ 3000       | 97.9                     | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| IV ≥ 2500       | 98.2                     | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV ≥ 2000       | 98.3                     | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV ≥ 1800       | 98.3                     | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV ≥ 1500       | 98.5                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV ≥ 1200       | 98.5                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV ≥ 1000       | 98.5                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV ≥ 900        | 98.5                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV ≥ 800        | 98.5                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV ≥ 700        | 98.5                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV ≥ 600        | 98.5                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV ≥ 500        | 98.6                     | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV ≥ 400        | 98.6                     | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV ≥ 300        | 98.6                     | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV ≥ 200        | 98.6                     | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV ≥ 100        | 98.6                     | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV ≥ 0          | 98.6                     | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 666

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

61,63-73

NCV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1270-1400

| CEILING<br>FEET | VISIBILITY STATUTE MILES |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                      | ≥6   | ≥5    | ≥4    | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1.4  | ≥1    | ≥.75  | ≥.5   | ≥.25  | ≥.16  | ≥.1   | ≥0    |
| NO CEILING      | 69.1                     | 69.4 | 69.4  | 69.4  | 69.4  | 69.4  | 69.4  | 69.4  | 69.4  | 69.4  | 69.4  | 69.4  | 69.4  | 69.4  | 69.4  | 69.4  |
| IV 20000        | 60.9                     | 61.2 | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  |
| IV 18000        | 60.9                     | 61.2 | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  | 61.2  |
| IV 16000        | 61.2                     | 61.5 | 61.5  | 61.5  | 61.5  | 61.5  | 61.5  | 61.5  | 61.5  | 61.5  | 61.5  | 61.5  | 61.5  | 61.5  | 61.5  | 61.5  |
| IV 14000        | 61.8                     | 62.1 | 62.1  | 62.1  | 62.1  | 62.1  | 62.1  | 62.1  | 62.1  | 62.1  | 62.1  | 62.1  | 62.1  | 62.1  | 62.1  | 62.1  |
| IV 12000        | 64.5                     | 64.8 | 64.8  | 64.8  | 64.8  | 64.8  | 64.8  | 64.8  | 64.8  | 64.8  | 64.8  | 64.8  | 64.8  | 64.8  | 64.8  | 64.8  |
| IV 10000        | 67.0                     | 67.3 | 67.3  | 67.3  | 67.3  | 67.3  | 67.3  | 67.3  | 67.3  | 67.3  | 67.3  | 67.3  | 67.3  | 67.3  | 67.3  | 67.3  |
| IV 9000         | 67.2                     | 67.5 | 67.5  | 67.5  | 67.5  | 67.5  | 67.5  | 67.5  | 67.5  | 67.5  | 67.5  | 67.5  | 67.5  | 67.5  | 67.5  | 67.5  |
| IV 8000         | 68.4                     | 68.7 | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  | 68.7  |
| IV 7000         | 69.4                     | 69.7 | 69.7  | 69.7  | 69.7  | 69.7  | 69.7  | 69.7  | 69.7  | 69.7  | 69.7  | 69.7  | 69.7  | 69.7  | 69.7  | 69.7  |
| IV 6000         | 92.5                     | 92.8 | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  |
| IV 5000         | 96.3                     | 96.6 | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  |
| IV 4500         | 96.4                     | 96.7 | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  |
| IV 4000         | 97.2                     | 97.6 | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  |
| IV 3500         | 97.3                     | 97.6 | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  |
| IV 3000         | 97.8                     | 98.1 | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  |
| IV 2500         | 97.8                     | 98.1 | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  |
| IV 2000         | 98.4                     | 98.8 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| IV 1800         | 98.4                     | 98.8 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| IV 1500         | 98.5                     | 99.0 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| IV 1200         | 98.8                     | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 1000         | 99.3                     | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 99.3                     | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 99.3                     | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 99.3                     | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 99.3                     | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 99.3                     | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 99.3                     | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 99.3                     | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 99.3                     | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 99.3                     | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 99.3                     | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

670

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

92061

STALLION SITE NM

01.63-73

1520-1700

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1.25 | ≥1    | ≥.75  | ≥.5   | ≥.25  | ≥.16  | ≥.1   | ≥0    |
| NO CEILING      | 58.9                       | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  | 68.9  |
| ≥ 20000         | 80.9                       | 80.9  | 80.9  | 80.9  | 80.9  | 80.9  | 80.9  | 80.9  | 80.9  | 80.9  | 80.9  | 80.9  | 80.9  | 80.9  | 80.9  | 80.9  |
| ≥ 18000         | 81.5                       | 81.5  | 81.5  | 81.5  | 81.5  | 81.5  | 81.5  | 81.5  | 81.5  | 81.5  | 81.5  | 81.5  | 81.5  | 81.5  | 81.5  | 81.5  |
| ≥ 16000         | 83.1                       | 83.1  | 83.1  | 83.1  | 83.1  | 83.1  | 83.1  | 83.1  | 83.1  | 83.1  | 83.1  | 83.1  | 83.1  | 83.1  | 83.1  | 83.1  |
| ≥ 14000         | 86.0                       | 86.0  | 86.0  | 86.0  | 86.0  | 86.0  | 86.0  | 86.0  | 86.0  | 86.0  | 86.0  | 86.0  | 86.0  | 86.0  | 86.0  | 86.0  |
| ≥ 12000         | 90.1                       | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  |
| ≥ 10000         | 90.1                       | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  | 90.1  |
| ≥ 9000          | 91.2                       | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  | 91.2  |
| ≥ 8000          | 91.4                       | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  | 91.4  |
| ≥ 7000          | 93.2                       | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  |
| ≥ 6000          | 96.8                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| ≥ 5000          | 98.0                       | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  |
| ≥ 4500          | 98.2                       | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  |
| ≥ 4000          | 98.9                       | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  |
| ≥ 3500          | 99.1                       | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 3000          | 99.3                       | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 2500          | 99.3                       | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 2000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 444

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STATION SITE NM

63-68

NEW

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |         |       |         |         |       |       |       |       |       |        |       |
|-----------------|----------------------------|-------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|-------|--------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2 1/2 | ≥ 2   | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1   | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0   |
| NO CEILING      | 43.6                       | 43.6  | 43.6  | 43.6  | 43.6  | 43.6    | 43.6  | 43.6    | 43.6    | 43.6  | 43.6  | 43.6  | 43.6  | 43.6  | 43.6   | 43.6  |
| ≥ 20000         | 66.7                       | 66.7  | 66.7  | 66.7  | 66.7  | 66.7    | 66.7  | 66.7    | 66.7    | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7  |
| IV 18000        | 66.7                       | 66.7  | 66.7  | 66.7  | 66.7  | 66.7    | 66.7  | 66.7    | 66.7    | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7  |
| IV 16000        | 66.7                       | 66.7  | 66.7  | 66.7  | 66.7  | 66.7    | 66.7  | 66.7    | 66.7    | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7  |
| IV 14000        | 66.7                       | 66.7  | 66.7  | 66.7  | 66.7  | 66.7    | 66.7  | 66.7    | 66.7    | 66.7  | 66.7  | 66.7  | 66.7  | 66.7  | 66.7   | 66.7  |
| IV 12000        | 69.2                       | 69.2  | 69.2  | 69.2  | 69.2  | 69.2    | 69.2  | 69.2    | 69.2    | 69.2  | 69.2  | 69.2  | 69.2  | 69.2  | 69.2   | 69.2  |
| IV 10000        | 82.1                       | 82.1  | 82.1  | 82.1  | 82.1  | 82.1    | 82.1  | 82.1    | 82.1    | 82.1  | 82.1  | 82.1  | 82.1  | 82.1  | 82.1   | 82.1  |
| IV 9000         | 87.2                       | 87.2  | 87.2  | 87.2  | 87.2  | 87.2    | 87.2  | 87.2    | 87.2    | 87.2  | 87.2  | 87.2  | 87.2  | 87.2  | 87.2   | 87.2  |
| IV 8000         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9    | 94.9  | 94.9    | 94.9    | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  |
| IV 7000         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9    | 94.9  | 94.9    | 94.9    | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  |
| IV 6000         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9    | 94.9  | 94.9    | 94.9    | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  |
| IV 5000         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9    | 94.9  | 94.9    | 94.9    | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  |
| IV 4500         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9    | 94.9  | 94.9    | 94.9    | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  |
| IV 4000         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9    | 94.9  | 94.9    | 94.9    | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  |
| IV 3500         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9    | 94.9  | 94.9    | 94.9    | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  |
| IV 3000         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9    | 94.9  | 94.9    | 94.9    | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  |
| IV 2500         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9    | 94.9  | 94.9    | 94.9    | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  |
| IV 2000         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9    | 94.9  | 94.9    | 94.9    | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  |
| IV 1800         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9    | 94.9  | 94.9    | 94.9    | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  |
| IV 1500         | 94.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9    | 94.9  | 94.9    | 94.9    | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  |
| IV 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

19



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

64,66-6R

NCV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS LST

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |         |       |         |         |       |       |       |       |        |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|--------|-------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2 1/2 | ≥ 2   | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1   | ≥ 3/4 | ≥ 3/8 | ≥ 1/2 | ≥ 5/16 | ≥ 1/4 | ≥ 0   |
| NO CEILING      | 53.8                       | 53.8  | 53.8  | 53.8  | 53.8  | 53.8    | 53.8  | 53.8    | 53.8    | 53.8  | 53.8  | 53.8  | 53.8  | 53.8   | 53.8  | 53.8  |
| ≥ 20000         | 61.5                       | 61.5  | 61.5  | 61.5  | 61.5  | 61.5    | 61.5  | 61.5    | 61.5    | 61.5  | 61.5  | 61.5  | 61.5  | 61.5   | 61.5  | 61.5  |
| ≥ 18000         | 61.5                       | 61.5  | 61.5  | 61.5  | 61.5  | 61.5    | 61.5  | 61.5    | 61.5    | 61.5  | 61.5  | 61.5  | 61.5  | 61.5   | 61.5  | 61.5  |
| ≥ 16000         | 61.5                       | 61.5  | 61.5  | 61.5  | 61.5  | 61.5    | 61.5  | 61.5    | 61.5    | 61.5  | 61.5  | 61.5  | 61.5  | 61.5   | 61.5  | 61.5  |
| ≥ 14000         | 61.5                       | 61.5  | 61.5  | 61.5  | 61.5  | 61.5    | 61.5  | 61.5    | 61.5    | 61.5  | 61.5  | 61.5  | 61.5  | 61.5   | 61.5  | 61.5  |
| ≥ 12000         | 61.5                       | 61.5  | 61.5  | 61.5  | 61.5  | 61.5    | 61.5  | 61.5    | 61.5    | 61.5  | 61.5  | 61.5  | 61.5  | 61.5   | 61.5  | 61.5  |
| ≥ 10000         | 69.2                       | 69.2  | 69.2  | 69.2  | 69.2  | 69.2    | 69.2  | 69.2    | 69.2    | 69.2  | 69.2  | 69.2  | 69.2  | 69.2   | 69.2  | 69.2  |
| ≥ 9000          | 69.2                       | 69.2  | 69.2  | 69.2  | 69.2  | 69.2    | 69.2  | 69.2    | 69.2    | 69.2  | 69.2  | 69.2  | 69.2  | 69.2   | 69.2  | 69.2  |
| ≥ 8000          | 69.2                       | 69.2  | 69.2  | 69.2  | 69.2  | 69.2    | 69.2  | 69.2    | 69.2    | 69.2  | 69.2  | 69.2  | 69.2  | 69.2   | 69.2  | 69.2  |
| ≥ 7000          | 69.2                       | 69.2  | 69.2  | 69.2  | 69.2  | 69.2    | 69.2  | 69.2    | 69.2    | 69.2  | 69.2  | 69.2  | 69.2  | 69.2   | 69.2  | 69.2  |
| ≥ 6000          | 76.9                       | 76.9  | 76.9  | 76.9  | 76.9  | 76.9    | 76.9  | 76.9    | 76.9    | 76.9  | 76.9  | 76.9  | 76.9  | 76.9   | 76.9  | 76.9  |
| ≥ 5000          | 76.9                       | 76.9  | 76.9  | 76.9  | 76.9  | 76.9    | 76.9  | 76.9    | 76.9    | 76.9  | 76.9  | 76.9  | 76.9  | 76.9   | 76.9  | 76.9  |
| ≥ 4500          | 76.9                       | 76.9  | 76.9  | 76.9  | 76.9  | 76.9    | 76.9  | 76.9    | 76.9    | 76.9  | 76.9  | 76.9  | 76.9  | 76.9   | 76.9  | 76.9  |
| ≥ 4000          | 92.3                       | 92.3  | 92.3  | 92.3  | 92.3  | 92.3    | 92.3  | 92.3    | 92.3    | 92.3  | 92.3  | 92.3  | 92.3  | 92.3   | 92.3  | 92.3  |
| ≥ 3500          | 92.3                       | 92.3  | 92.3  | 92.3  | 92.3  | 92.3    | 92.3  | 92.3    | 92.3    | 92.3  | 92.3  | 92.3  | 92.3  | 92.3   | 92.3  | 92.3  |
| ≥ 3000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 13

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

66066,72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS

| CEILING<br>FEET | VISIBILITY (STATUTE MILES) |       |       |       |       |         |       |         |         |       |       |       |       |       |        |       |
|-----------------|----------------------------|-------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|-------|--------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2 1/2 | ≥ 2   | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1   | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0   |
| NO CEILING      | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 20000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 18000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 16000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 14000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 12000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 10000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 9000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 8000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 7000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 6000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 5000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 4500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 4000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 3500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 3000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 2500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 2000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 1000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 900           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 700           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 600           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 400           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 300           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 100           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| ≥ 0             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 5

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

64

EC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

9300-0500  
HOURS

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |         |       |         |         |       |       |       |       |       |       |
|-----------------|----------------------------|-------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|-------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2 1/2 | ≥ 2   | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1   | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 0   |
| NO CEILING      | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 18000        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 16000        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 14000        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 12000        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 10000        | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 9000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 8000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 7000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 6000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 5000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0 | 100.0   | 100.0   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 92061 STATION NAME STALLION SITE NM

YEARS 61-73

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS 1-5

| CEILING<br>FEET | VISIBILITY :STATUTE MILES- |      |      |      |      |       |      |       |       |      |      |      |       |       |      |      |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|-------|-------|------|------|
|                 | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0  |
| NO CEILING      | 65.5                       | 65.5 | 65.5 | 65.5 | 65.5 | 65.5  | 65.5 | 65.5  | 65.5  | 65.5 | 65.5 | 65.5 | 65.5  | 65.5  | 65.5 | 65.5 |
| ≥ 20000         | 74.2                       | 74.2 | 74.2 | 74.2 | 74.2 | 74.2  | 74.2 | 74.2  | 74.2  | 74.2 | 74.2 | 74.2 | 74.2  | 74.2  | 74.2 | 74.2 |
| ≥ 18000         | 74.2                       | 74.2 | 74.2 | 74.2 | 74.2 | 74.2  | 74.2 | 74.2  | 74.2  | 74.2 | 74.2 | 74.2 | 74.2  | 74.2  | 74.2 | 74.2 |
| ≥ 16000         | 75.6                       | 75.6 | 75.6 | 75.6 | 75.6 | 75.6  | 75.6 | 75.6  | 75.6  | 75.6 | 75.6 | 75.6 | 75.6  | 75.6  | 75.6 | 75.6 |
| ≥ 14000         | 76.4                       | 76.4 | 76.4 | 76.4 | 76.4 | 76.4  | 76.4 | 76.4  | 76.4  | 76.4 | 76.4 | 76.4 | 76.4  | 76.4  | 76.4 | 76.4 |
| ≥ 12000         | 78.9                       | 78.9 | 78.9 | 78.9 | 78.9 | 78.9  | 78.9 | 78.9  | 78.9  | 78.9 | 78.9 | 78.9 | 78.9  | 78.9  | 78.9 | 78.9 |
| ≥ 10000         | 81.8                       | 81.8 | 81.8 | 81.8 | 81.8 | 81.8  | 81.8 | 81.8  | 81.8  | 81.8 | 81.8 | 81.8 | 81.8  | 81.8  | 81.8 | 81.8 |
| ≥ 9000          | 82.2                       | 82.2 | 82.2 | 82.2 | 82.2 | 82.2  | 82.2 | 82.2  | 82.2  | 82.2 | 82.2 | 82.2 | 82.2  | 82.2  | 82.2 | 82.2 |
| ≥ 8000          | 83.6                       | 83.6 | 83.6 | 83.6 | 83.6 | 83.6  | 83.6 | 83.6  | 83.6  | 83.6 | 83.6 | 83.6 | 83.6  | 83.6  | 83.6 | 83.6 |
| ≥ 7000          | 84.7                       | 84.7 | 84.7 | 84.7 | 84.7 | 84.7  | 84.7 | 84.7  | 84.7  | 84.7 | 84.7 | 84.7 | 84.7  | 84.7  | 84.7 | 84.7 |
| ≥ 6000          | 86.5                       | 86.5 | 86.5 | 86.5 | 86.5 | 86.5  | 86.5 | 86.5  | 86.5  | 86.5 | 86.5 | 86.5 | 86.5  | 86.5  | 86.5 | 86.5 |
| ≥ 5000          | 89.8                       | 89.8 | 89.8 | 89.8 | 89.8 | 89.8  | 89.8 | 89.8  | 89.8  | 89.8 | 89.8 | 89.8 | 89.8  | 89.8  | 89.8 | 89.8 |
| ≥ 4500          | 90.9                       | 90.9 | 90.9 | 90.9 | 90.9 | 90.9  | 90.9 | 90.9  | 90.9  | 90.9 | 90.9 | 90.9 | 90.9  | 90.9  | 90.9 | 90.9 |
| ≥ 4000          | 92.4                       | 92.4 | 92.4 | 92.4 | 92.4 | 92.4  | 92.4 | 92.4  | 92.4  | 92.4 | 92.4 | 92.4 | 92.4  | 92.4  | 92.4 | 92.4 |
| ≥ 3500          | 93.8                       | 93.8 | 93.8 | 93.8 | 93.8 | 93.8  | 93.8 | 93.8  | 93.8  | 93.8 | 93.8 | 93.8 | 93.8  | 93.8  | 93.8 | 93.8 |
| ≥ 3000          | 95.2                       | 95.2 | 95.2 | 95.2 | 95.2 | 95.2  | 95.2 | 95.2  | 95.2  | 95.2 | 95.2 | 95.2 | 95.2  | 95.2  | 95.2 | 95.2 |
| ≥ 2500          | 95.3                       | 95.3 | 95.3 | 95.3 | 95.3 | 95.3  | 95.3 | 95.3  | 95.3  | 95.3 | 95.3 | 95.3 | 95.3  | 95.3  | 95.3 | 95.3 |
| ≥ 2000          | 96.0                       | 96.0 | 96.0 | 96.0 | 96.0 | 96.0  | 96.0 | 96.0  | 96.0  | 96.0 | 96.0 | 96.0 | 96.0  | 96.0  | 96.0 | 96.0 |
| ≥ 1800          | 96.0                       | 96.0 | 96.0 | 96.0 | 96.0 | 96.0  | 96.0 | 96.0  | 96.0  | 96.0 | 96.0 | 96.0 | 96.0  | 96.0  | 96.0 | 96.0 |
| ≥ 1500          | 96.0                       | 96.0 | 96.0 | 96.0 | 96.0 | 96.0  | 96.0 | 96.0  | 96.0  | 96.0 | 96.0 | 96.0 | 96.0  | 96.0  | 96.0 | 96.0 |
| ≥ 1200          | 96.0                       | 96.0 | 96.0 | 96.0 | 96.0 | 96.0  | 96.0 | 96.0  | 96.0  | 96.0 | 96.0 | 96.0 | 96.0  | 96.0  | 96.0 | 96.0 |
| ≥ 1000          | 96.4                       | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 |
| ≥ 900           | 96.4                       | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 |
| ≥ 800           | 96.4                       | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 |
| ≥ 700           | 96.4                       | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 |
| ≥ 600           | 96.4                       | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 |
| ≥ 500           | 96.4                       | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 |
| ≥ 400           | 96.4                       | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 |
| ≥ 300           | 96.4                       | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 |
| ≥ 200           | 96.4                       | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 |
| ≥ 100           | 96.4                       | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 |
| ≥ 0             | 96.4                       | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 |

TOTAL NUMBER OF OBSERVATIONS 273

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STATION NAME

61-73

YEARS

1966

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING<br>FEET       | VISIBILITY STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
|                       | ≥10                      | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥¼   | ≥1/16 | ≥0   | ≥0   |
| NO CEILING<br>≥ 20000 | 66.2                     | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2  | 66.2 | 66.2 |
| IV ≥ 18000            | 77.9                     | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9  | 77.9 | 77.9 |
| IV 16000              | 78.8                     | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8  | 78.8 | 78.8 |
| IV 14000              | 79.4                     | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4  | 79.4 | 79.4 |
| IV 12000              | 81.3                     | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3  | 81.3 | 81.3 |
| IV 10000              | 82.6                     | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6  | 82.6 | 82.6 |
| IV 9000               | 82.9                     | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9  | 82.9 | 82.9 |
| IV 8000               | 84.0                     | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0  | 84.0 | 84.0 |
| IV 7000               | 85.4                     | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4  | 85.4 | 85.4 |
| IV 6000               | 87.8                     | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8  | 87.8 | 87.8 |
| IV 5000               | 90.9                     | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9  | 90.9 | 90.9 |
| IV 4500               | 91.8                     | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8  | 91.8 | 91.8 |
| IV 4000               | 94.0                     | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0  | 94.0 | 94.0 |
| IV 3500               | 94.1                     | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1  | 94.1 | 94.1 |
| IV 3000               | 95.2                     | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2  | 95.2 | 95.2 |
| IV 2500               | 96.2                     | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2  | 96.2 | 96.2 |
| IV 2000               | 96.9                     | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2  | 97.2 | 97.2 |
| IV 1800               | 97.1                     | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5  | 97.5 | 97.5 |
| IV 1500               | 97.1                     | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5  | 97.5 | 97.5 |
| IV 1200               | 97.1                     | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5  | 97.5 | 97.5 |
| IV 1000               | 97.2                     | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1 | 98.1 |
| IV 900                | 97.2                     | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1 | 98.1 |
| IV 800                | 97.2                     | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1 | 98.1 |
| IV 700                | 97.2                     | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1 | 98.1 |
| IV 600                | 97.2                     | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1 | 98.1 |
| IV 500                | 97.2                     | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2  | 98.2 | 98.2 |
| IV 400                | 97.2                     | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2  | 98.2 | 98.2 |
| IV 300                | 97.2                     | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2  | 98.2 | 98.2 |
| IV 200                | 97.2                     | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2  | 98.2 | 98.2 |
| IV 100                | 97.2                     | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2  | 98.2 | 98.2 |
| IV 0                  | 97.2                     | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2  | 98.2 | 98.2 |

TOTAL NUMBER OF OBSERVATIONS

683

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061

STALLION SITE NM

01-73

REC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING<br>FEET | VISIBILITY STATUTE MILES |      |      |      |      |       |      |       |      |       |      |       |      |       |       |      |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|
|                 | ≥ 10                     | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1  | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0  |
| NO CEILING      | 66.9                     | 67.1 | 67.1 | 67.1 | 67.1 | 67.1  | 67.1 | 67.1  | 67.1 | 67.1  | 67.1 | 67.1  | 67.1 | 67.1  | 67.1  | 67.1 |
| ≥ 20000         | 80.2                     | 80.3 | 80.3 | 80.3 | 80.3 | 80.3  | 80.3 | 80.3  | 80.3 | 80.3  | 80.3 | 80.3  | 80.3 | 80.3  | 80.3  | 80.3 |
| IV 18000        | 80.2                     | 80.3 | 80.3 | 80.3 | 80.3 | 80.3  | 80.3 | 80.3  | 80.3 | 80.3  | 80.3 | 80.3  | 80.3 | 80.3  | 80.3  | 80.3 |
| IV 16000        | 80.8                     | 80.9 | 80.9 | 80.9 | 80.9 | 80.9  | 80.9 | 80.9  | 80.9 | 80.9  | 80.9 | 80.9  | 80.9 | 80.9  | 80.9  | 80.9 |
| IV 14000        | 81.7                     | 81.8 | 81.8 | 81.8 | 81.8 | 81.8  | 81.8 | 81.8  | 81.8 | 81.8  | 81.8 | 81.8  | 81.8 | 81.8  | 81.8  | 81.8 |
| IV 12000        | 82.8                     | 82.9 | 82.9 | 82.9 | 82.9 | 82.9  | 82.9 | 82.9  | 82.9 | 82.9  | 82.9 | 82.9  | 82.9 | 82.9  | 82.9  | 82.9 |
| IV 10000        | 85.1                     | 85.3 | 85.3 | 85.3 | 85.3 | 85.3  | 85.3 | 85.3  | 85.3 | 85.3  | 85.3 | 85.3  | 85.3 | 85.3  | 85.3  | 85.3 |
| IV 9000         | 85.7                     | 85.9 | 85.9 | 85.9 | 85.9 | 85.9  | 85.9 | 85.9  | 85.9 | 85.9  | 85.9 | 85.9  | 85.9 | 85.9  | 85.9  | 85.9 |
| IV 8000         | 86.2                     | 86.5 | 86.5 | 86.5 | 86.5 | 86.5  | 86.5 | 86.5  | 86.5 | 86.5  | 86.5 | 86.5  | 86.5 | 86.5  | 86.5  | 86.5 |
| IV 7000         | 87.2                     | 87.4 | 87.4 | 87.4 | 87.4 | 87.4  | 87.4 | 87.4  | 87.4 | 87.4  | 87.4 | 87.4  | 87.4 | 87.4  | 87.4  | 87.4 |
| IV 6000         | 90.1                     | 90.2 | 90.2 | 90.2 | 90.2 | 90.2  | 90.2 | 90.2  | 90.2 | 90.2  | 90.2 | 90.2  | 90.2 | 90.2  | 90.2  | 90.2 |
| IV 5000         | 92.5                     | 92.7 | 92.7 | 92.7 | 92.7 | 92.7  | 92.7 | 92.7  | 92.7 | 92.7  | 92.7 | 92.7  | 92.7 | 92.7  | 92.7  | 92.7 |
| IV 4500         | 93.7                     | 93.8 | 93.8 | 93.8 | 93.8 | 93.8  | 93.8 | 93.8  | 93.8 | 93.8  | 93.8 | 93.8  | 93.8 | 93.8  | 93.8  | 93.8 |
| IV 4000         | 95.2                     | 95.3 | 95.3 | 95.3 | 95.3 | 95.3  | 95.3 | 95.3  | 95.3 | 95.3  | 95.3 | 95.3  | 95.3 | 95.3  | 95.3  | 95.3 |
| IV 3500         | 95.6                     | 95.8 | 95.8 | 95.8 | 95.8 | 95.8  | 95.8 | 95.8  | 95.8 | 95.8  | 95.8 | 95.8  | 95.8 | 95.8  | 95.8  | 95.8 |
| IV 3000         | 97.1                     | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3  | 97.3 | 97.3  | 97.3 | 97.3  | 97.3 | 97.3  | 97.3  | 97.3 |
| IV 2500         | 97.4                     | 97.6 | 97.6 | 97.6 | 97.6 | 97.6  | 97.6 | 97.6  | 97.6 | 97.6  | 97.6 | 97.6  | 97.6 | 97.6  | 97.6  | 97.6 |
| IV 2000         | 98.2                     | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5 | 98.5  | 98.5 | 98.5  | 98.5 | 98.5  | 98.5 | 98.5  | 98.5  | 98.5 |
| IV 1800         | 98.3                     | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5 | 98.5  | 98.5 | 98.5  | 98.5 | 98.5  | 98.5 | 98.5  | 98.5  | 98.5 |
| IV 1500         | 98.5                     | 98.6 | 98.6 | 98.6 | 98.6 | 98.6  | 98.6 | 98.6  | 98.6 | 98.6  | 98.6 | 98.6  | 98.6 | 98.6  | 98.6  | 98.6 |
| IV 1200         | 98.5                     | 98.6 | 98.6 | 98.6 | 98.6 | 98.6  | 98.6 | 98.6  | 98.6 | 98.6  | 98.6 | 98.6  | 98.6 | 98.6  | 98.6  | 98.6 |
| IV 1000         | 98.8                     | 99.1 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 |
| IV 900          | 98.8                     | 99.1 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 |
| IV 800          | 98.8                     | 99.1 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 |
| IV 700          | 98.8                     | 99.1 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 |
| IV 600          | 98.8                     | 99.1 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 |
| IV 500          | 98.8                     | 99.1 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 |
| IV 400          | 98.8                     | 99.1 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 |
| IV 300          | 98.8                     | 99.1 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 |
| IV 200          | 98.8                     | 99.1 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 |
| IV 100          | 98.8                     | 99.1 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 |
| IV 0            | 98.8                     | 99.1 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 |

TOTAL NUMBER OF OBSERVATIONS

665

USAF ETAC

FORM  
AUG 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

93061 STALLION SITE NM

01-73

LEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS

| CEILING<br>FEET | VISIBILITY STATUTE MILES |      |      |      |      |         |      |         |         |      |       |       |       |       |        |      |
|-----------------|--------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|-------|--------|------|
|                 | ≥ 10                     | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2 1/2 | ≥ 2  | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1  | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0  |
| NO CEILING      | 69.6                     | 69.6 | 69.6 | 69.6 | 69.6 | 69.6    | 69.6 | 69.6    | 69.6    | 69.6 | 69.6  | 69.6  | 69.6  | 69.6  | 69.6   | 69.6 |
| ≥ 20000         | 80.8                     | 80.8 | 80.8 | 80.8 | 80.8 | 80.8    | 80.8 | 80.8    | 80.8    | 80.8 | 80.8  | 80.8  | 80.8  | 80.8  | 80.8   | 80.8 |
| IV 18000        | 80.8                     | 80.8 | 80.8 | 80.8 | 80.8 | 80.8    | 80.8 | 80.8    | 80.8    | 80.8 | 80.8  | 80.8  | 80.8  | 80.8  | 80.8   | 80.8 |
| IV 16000        | 81.2                     | 81.2 | 81.2 | 81.2 | 81.2 | 81.2    | 81.2 | 81.2    | 81.2    | 81.2 | 81.2  | 81.2  | 81.2  | 81.2  | 81.2   | 81.2 |
| IV 14000        | 82.6                     | 82.6 | 82.6 | 82.6 | 82.6 | 82.6    | 82.6 | 82.6    | 82.6    | 82.6 | 82.6  | 82.6  | 82.6  | 82.6  | 82.6   | 82.6 |
| IV 12000        | 83.5                     | 83.5 | 83.5 | 83.5 | 83.5 | 83.5    | 83.5 | 83.5    | 83.5    | 83.5 | 83.5  | 83.5  | 83.5  | 83.5  | 83.5   | 83.5 |
| IV 10000        | 85.1                     | 85.1 | 85.1 | 85.1 | 85.1 | 85.1    | 85.1 | 85.1    | 85.1    | 85.1 | 85.1  | 85.1  | 85.1  | 85.1  | 85.1   | 85.1 |
| IV 9000         | 85.4                     | 85.4 | 85.4 | 85.4 | 85.4 | 85.4    | 85.4 | 85.4    | 85.4    | 85.4 | 85.4  | 85.4  | 85.4  | 85.4  | 85.4   | 85.4 |
| IV 8000         | 86.3                     | 86.3 | 86.3 | 86.3 | 86.3 | 86.3    | 86.3 | 86.3    | 86.3    | 86.3 | 86.3  | 86.3  | 86.3  | 86.3  | 86.3   | 86.3 |
| IV 7000         | 87.4                     | 87.4 | 87.4 | 87.4 | 87.4 | 87.4    | 87.4 | 87.4    | 87.4    | 87.4 | 87.4  | 87.4  | 87.4  | 87.4  | 87.4   | 87.4 |
| IV 6000         | 90.4                     | 90.4 | 90.4 | 90.4 | 90.4 | 90.4    | 90.4 | 90.4    | 90.4    | 90.4 | 90.4  | 90.4  | 90.4  | 90.4  | 90.4   | 90.4 |
| IV 5000         | 95.0                     | 95.0 | 95.0 | 95.0 | 95.0 | 95.0    | 95.0 | 95.0    | 95.0    | 95.0 | 95.0  | 95.0  | 95.0  | 95.0  | 95.0   | 95.0 |
| IV 4500         | 95.4                     | 95.4 | 95.4 | 95.4 | 95.4 | 95.4    | 95.4 | 95.4    | 95.4    | 95.4 | 95.4  | 95.4  | 95.4  | 95.4  | 95.4   | 95.4 |
| IV 4000         | 97.3                     | 97.3 | 97.3 | 97.3 | 97.3 | 97.3    | 97.3 | 97.3    | 97.3    | 97.3 | 97.3  | 97.3  | 97.3  | 97.3  | 97.3   | 97.3 |
| IV 3500         | 97.3                     | 97.3 | 97.3 | 97.3 | 97.3 | 97.3    | 97.3 | 97.3    | 97.3    | 97.3 | 97.3  | 97.3  | 97.3  | 97.3  | 97.3   | 97.3 |
| IV 3000         | 97.3                     | 97.3 | 97.3 | 97.3 | 97.3 | 97.3    | 97.3 | 97.3    | 97.3    | 97.3 | 97.3  | 97.3  | 97.3  | 97.3  | 97.3   | 97.3 |
| IV 2500         | 97.7                     | 97.7 | 97.7 | 97.7 | 97.7 | 97.7    | 97.7 | 97.7    | 97.7    | 97.7 | 97.7  | 97.7  | 97.7  | 97.7  | 97.7   | 97.7 |
| IV 2000         | 98.4                     | 98.4 | 98.4 | 98.4 | 98.4 | 98.4    | 98.4 | 98.4    | 98.4    | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4 |
| IV 1800         | 98.4                     | 98.4 | 98.4 | 98.4 | 98.4 | 98.4    | 98.4 | 98.4    | 98.4    | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4 |
| IV 1500         | 98.4                     | 98.4 | 98.4 | 98.4 | 98.4 | 98.4    | 98.4 | 98.4    | 98.4    | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4 |
| IV 1200         | 98.4                     | 98.4 | 98.4 | 98.4 | 98.4 | 98.4    | 98.4 | 98.4    | 98.4    | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4   | 98.4 |
| IV 1000         | 98.8                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| IV 900          | 98.8                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| IV 800          | 98.8                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| IV 700          | 98.8                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| IV 600          | 98.8                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| IV 500          | 98.8                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| IV 400          | 98.8                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| IV 300          | 98.8                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| IV 200          | 98.8                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| IV 100          | 98.8                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |
| IV 0            | 98.8                     | 98.8 | 98.8 | 98.8 | 98.8 | 98.8    | 98.8 | 98.8    | 98.8    | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8 |

TOTAL NUMBER OF OBSERVATIONS

437

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 93001 STATION NAME STALLION SITE NM VISIBILITY 63-68.72 YEARS 1 EC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1400-2000  
HOURS LST

| CEILING<br>FEET | VISIBILITY - STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|                 | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1   | ≥ .5  | ≥ .25 | ≥ .15 | ≥ .1  | ≥ .05 | ≥ .025 | ≥ 0   |
| NO CEILING      | 63.6                       | 63.6  | 63.6  | 63.6  | 63.6  | 63.6  | 63.6  | 63.6  | 63.6  | 63.6  | 63.6  | 63.6  | 63.6  | 63.6  | 63.6   | 63.6  |
| ≥ 20000         | 72.7                       | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7   | 72.7  |
| IV 18000        | 72.7                       | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7   | 72.7  |
| IV 16000        | 72.7                       | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7   | 72.7  |
| IV 14000        | 72.7                       | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7   | 72.7  |
| IV 12000        | 72.7                       | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7   | 72.7  |
| IV 10000        | 81.8                       | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8   | 81.8  |
| IV 9000         | 81.8                       | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8   | 81.8  |
| IV 8000         | 81.8                       | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8  | 81.8   | 81.8  |
| IV 7000         | 90.9                       | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9   | 90.9  |
| IV 6000         | 95.5                       | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5   | 95.5  |
| IV 5000         | 95.5                       | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5   | 95.5  |
| IV 4500         | 95.5                       | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5   | 95.5  |
| IV 4000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 3500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 3000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 2500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 2000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1800         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1500         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1200         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 1000         | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 900          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 800          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 700          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 600          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 500          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 400          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 300          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 200          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 100          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 0            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 22



3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

93001

STATION SITE NM

646672

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING<br>FEET | VISIBILITY STATUTE MILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | ≥10                      | ≥6    | ≥5    | ≥4    | ≥3    | ≥2    | ≥2    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    | ≥1    |
| NO CEILING      | 77.8                     | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| ≥20000          | 77.8                     | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| ≥18000          | 77.8                     | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| ≥16000          | 77.8                     | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| ≥14000          | 77.8                     | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| ≥12000          | 77.8                     | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| ≥10000          | 77.8                     | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| ≥9000           | 77.8                     | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| ≥8000           | 77.8                     | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| ≥7000           | 77.8                     | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| ≥6000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥5000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥4500           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥4000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥3500           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥3000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥2500           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥2000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥1800           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥1500           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥1200           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥1000           | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥900            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥800            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥700            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥600            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥500            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥400            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥300            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥200            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥100            | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥0              | 100.0                    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

9

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PART D

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| <u>OKTAS</u>    | <u>TENTHS</u> |
|-----------------|---------------|
| 0               | 0             |
| 1               | 1             |
| 2               | 3             |
| 3               | 4             |
| 4               | 5             |
| 5               | 6             |
| 6               | 8             |
| 7               | 9             |
| 8 (or obscured) | 10            |

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

93061 STALLION SITE NM

61-73

ALL

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |      |      |     |     |     |     |     |     |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|---|------|------|------|-----|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|
|        |                   | 0   | 1    | 2    | 3    | 4   | 5   | 6   | 7   | 8   | 9   | 10   |                                |                         |
| JAN    | ALL               | 36.1  | 10.2 | 5.7  | 7.6  | 3.3 | 2.4 | 3.6 | 2.6 | 3.3 | 3.2 | 20.0 | 3.8                            | 2343                    |
| FEB    |                   | 28.1  | 6.4  | 12.8 | 4.8  | 3.9 | 2.3 | 4.6 | 2.3 | 9.2 | 4.1 | 19.6 | 4.3                            | 2160                    |
| MAR    |                   | 28.4  | 10.1 | 8.9  | 5.8  | 3.5 | 3.0 | 7.7 | 3.3 | 3.6 | 8.4 | 15.2 | 4.1                            | 2783                    |
| APR    |                   | 33.3  | 20.8 | 5.9  | 5.9  | 4.6 | 3.0 | 3.2 | 4.4 | 4.9 | 3.7 | 10.1 | 3.1                            | 2383                    |
| MAY    |                   | 35.0  | 10.0 | 4.7  | 5.6  | 4.4 | 7.0 | 5.2 | 3.8 | 4.9 | 6.2 | 11.2 | 3.7                            | 2647                    |
| JUN    |                   | 35.3  | 11.3 | 13.3 | 9.6  | 6.8 | 3.6 | 4.4 | 3.2 | 3.3 | 5.0 | 4.1  | 2.7                            | 2622                    |
| JUL    |                   | 10.9  | 7.7  | 11.8 | 9.4  | 8.7 | 7.3 | 6.3 | 6.2 | 9.8 | 9.1 | 12.7 | 5.0                            | 2606                    |
| AUG    |                   | 16.8  | 9.0  | 10.3 | 9.0  | 8.7 | 7.7 | 8.0 | 3.2 | 6.8 | 8.1 | 10.4 | 4.3                            | 2816                    |
| SEP    |                   | 34.2  | 9.1  | 7.9  | 5.0  | 3.6 | 3.3 | 6.6 | 6.0 | 7.3 | 3.4 | 9.6  | 3.6                            | 2228                    |
| OCT    |                   | 43.0  | 7.4  | 8.1  | 3.3  | 6.0 | 2.3 | 2.9 | 7.4 | 3.3 | 3.1 | 8.7  | 3.0                            | 2274                    |
| NOV    |                   | 29.8  | 6.0  | 3.4  | 4.3  | 7.9 | 3.2 | 3.8 | 8.0 | 7.0 | 3.3 | 19.0 | 4.3                            | 2123                    |
| DEC    |                   | 29.8  | 20.9 | 4.2  | 10.8 | 2.4 | 2.3 | 3.2 | 2.8 | 4.4 | 4.6 | 14.9 | 3.3                            | 2099                    |
| TOTALS |                   | 30.2  | 10.9 | 8.3  | 6.8  | 3.7 | 4.1 | 5.0 | 4.8 | 3.9 | 3.3 | 13.0 | 3.8                            | 29286                   |

## SKY COVER

**62-73**

JAN

STATION

STATION NAME

PERIOD

**MONTH**

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |      |      |     |     |     |     |     |      |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS |
|--------|-------------------|---|------|------|------|-----|-----|-----|-----|-----|------|------|--------------------------------|------------------------|
|        |                   | 0   | 1    | 2    | 3    | 4   | 5   | 6   | 7   | 8   | 9    | 10   |                                |                        |
| JAN    | 00-02             | 50.0  | 12.5 |      |      |     |     |     |     |     |      | 37.5 | 3.9                            | 8                      |
|        | 03-05             | 30.0  | 10.0 | 20.0 | 20.0 |     |     |     |     |     |      | 20.0 | 3.1                            | 10                     |
|        | 06-08             | 30.9  | 10.7 | 4.3  | 4.9  | 5.2 | 2.1 | 4.0 | 3.4 | 3.1 | 7.0  | 24.5 | 4.5                            | 327                    |
|        | 09-11             | 29.2  | 10.0 | 7.6  | 6.4  | 6.4 | 3.5 | 1.9 | 4.4 | 4.5 | 8.5  | 17.6 | 4.2                            | 750                    |
|        | 12-14             | 28.6  | 9.2  | 6.0  | 6.6  | 5.1 | 3.2 | 4.1 | 6.3 | 5.9 | 8.6  | 16.2 | 4.3                            | 747                    |
|        | 15-17             | 24.5  | 6.0  | 7.9  | 5.8  | 6.2 | 5.1 | 5.1 | 6.4 | 7.9 | 7.5  | 17.7 | 4.7                            | 469                    |
|        | 18-20             | 45.0  | 15.0 |      |      | 5.0 | 5.0 | 5.0 |     | 5.0 | 10.0 | 10.0 | 3.2                            | 20                     |
|        | 21-23             | 50.0  | 8.3  |      | 16.7 |     |     | 8.3 |     |     |      | 16.7 | 2.8                            | 12                     |
|        |                   |   |      |      |      |     |     |     |     |     |      |      |                                |                        |
|        |                   |   |      |      |      |     |     |     |     |     |      |      |                                |                        |
|        |                   |   |      |      |      |     |     |     |     |     |      |      |                                |                        |
|        |                   |   |      |      |      |     |     |     |     |     |      |      |                                |                        |
|        |                   |   |      |      |      |     |     |     |     |     |      |      |                                |                        |
| TOTALS |                   | 36.1  | 10.2 | 8.7  | 7.6  | 3.5 | 2.4 | 3.6 | 2.6 | 3.3 | 5.2  | 20.0 | 3.6                            | 2343                   |

**USAFETAC**      **FORM**      **0-9.5 (OLI)**      **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.**  
**JUL 64**

## SKY COVER

FEA

STATION

STATION NAME

PERIOD

MONTH

| MONTH  | HOURS<br>[L.S.T.] | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |      |      |     |     |      |     |      |     |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|---|------|------|------|-----|-----|------|-----|------|-----|------|--------------------------------|-------------------------|
|        |                   | 0   | 1    | 2    | 3    | 4   | 5   | 6    | 7   | 8    | 9   | 10   |                                |                         |
| FEB    | 00-02             |   |      | 50.0 |      |     |     |      |     | 16.7 |     | 33.3 | 5.7                            | 6                       |
|        | 03-05             | 14.3  |      | 21.4 |      | 7.1 | 7.1 | 14.3 |     | 14.3 |     | 21.4 | 5.2                            | 14                      |
|        | 06-08             | 33.7  | 8.2  | 6.2  | 4.1  | 4.5 | .7  | 1.7  | 3.8 | 4.1  | 6.9 | 26.1 | 4.5                            | 291                     |
|        | 09-11             | 33.3  | 5.5  | 5.5  | 6.7  | 3.2 | 2.3 | 3.9  | 3.8 | 4.9  | 7.9 | 22.9 | 4.5                            | 687                     |
|        | 12-14             | 29.2  | 7.3  | 4.2  | 4.8  | 4.2 | 3.5 | 3.5  | 4.1 | 7.2  | 8.2 | 23.8 | 4.8                            | 665                     |
|        | 15-17             | 25.3  | 7.0  | 5.2  | 3.8  | 2.9 | 4.7 | 4.0  | 6.3 | 6.7  | 9.9 | 24.2 | 5.2                            | 446                     |
|        | 18-20             | 28.6  | 9.5  | 9.5  | 19.0 | 9.5 |     | 9.5  |     | 9.5  |     | 4.8  | 3.0                            | 21                      |
|        | 21-23             | 60.0  | 30.0 |      |      |     |     |      |     | 10.0 |     |      | 1.1                            | 10                      |
|        |                   |   |      |      |      |     |     |      |     |      |     |      |                                |                         |
|        |                   |   |      |      |      |     |     |      |     |      |     |      |                                |                         |
|        |                   |   |      |      |      |     |     |      |     |      |     |      |                                |                         |
|        |                   |   |      |      |      |     |     |      |     |      |     |      |                                |                         |
| TOTALS |                   | 28.4  | 8.4  | 13.8 | 4.8  | 3.9 | 2.3 | 4.6  | 2.3 | 9.2  | 4.1 | 19.6 | 4.3                            | 2160                    |

FORM  
FD-36 (4-75)

### 0-9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

4422

MONTH

| MONTH  | HOURS<br>[L.S.T.] | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |      |      |      |     |      |     |     |      |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|---|------|------|------|------|-----|------|-----|-----|------|------|--------------------------------|-------------------------|
|        |                   | 0   | 1    | 2    | 3    | 4    | 5   | 6    | 7   | 8   | 9    | 10   |                                |                         |
| MAR    | 00-02             | 40.0  | 20.0 | 10.0 |      |      |     | 30.0 |     |     |      |      | 2.2                            | 10                      |
|        | 03-05             | 44.8  | 3.4  | 3.4  | 10.3 | 10.3 | 3.4 | 6.9  | 3.4 |     | 3.4  | 10.3 | 3.0                            | 29                      |
|        | 06-08             | 32.8  | 7.6  | 3.7  | 3.9  | 4.7  | 4.4 | 2.0  | 4.9 | 3.9 | 7.1  | 20.9 | 4.3                            | 406                     |
|        | 09-11             | 29.0  | 9.8  | 6.2  | 6.1  | 4.6  | 3.5 | 2.3  | 3.0 | 6.4 | 8.0  | 18.9 | 4.4                            | 866                     |
|        | 12-14             | 23.8  | 7.1  | 3.9  | 8.1  | 4.2  | 2.6 | 3.6  | 3.3 | 7.6 | 11.3 | 20.2 | 3.0                            | 860                     |
|        | 15-17             | 18.3  | 8.8  | 6.4  | 6.9  | 3.7  | 4.0 | 3.7  | 3.3 | 8.2 | 11.3 | 21.0 | 3.2                            | 347                     |
|        | 18-20             | 13.8  | 13.2 | 7.9  | 3.3  | 10.3 | 2.6 | 3.3  | 2.6 | 3.6 | 18.4 | 13.8 | 4.9                            | 38                      |
|        | 21-23             | 22.2  | 11.1 | 23.9 | 3.7  | 3.7  | 3.7 | 7.4  |     |     | 7.4  | 14.8 | 3.7                            | 27                      |
|        |                   |   |      |      |      |      |     |      |     |     |      |      |                                |                         |
|        |                   |   |      |      |      |      |     |      |     |     |      |      |                                |                         |
|        |                   |   |      |      |      |      |     |      |     |     |      |      |                                |                         |
|        |                   |   |      |      |      |      |     |      |     |     |      |      |                                |                         |
| TOTALS |                   | 28.4  | 10.1 | 8.9  | 3.8  | 3.3  | 3.0 | 7.7  | 3.3 | 3.6 | 8.4  | 13.2 | 4.1                            | 2783                    |

**PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.**

## SKY COVER

450

**MONTH**

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |       |      |      |      |     |     |      |     |     | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |      |
|--------|-------------------|---|-------|------|------|------|-----|-----|------|-----|-----|--------------------------------|-------------------------|------|
|        |                   | 0   | 1     | 2    | 3    | 4    | 5   | 6   | 7    | 8   | 9   |                                |                         | 10   |
| APR    | 00-02             |   | 100.0 |      |      |      |     |     |      |     |     |                                | 1.0                     | 2    |
|        | 03-05             | 32.2  | 9.7   | 6.5  | 9.7  | 16.1 | 6.5 | 3.2 | 3.2  | 3.2 |     | 9.7                            | 3.1                     | 31   |
|        | 06-08             | 39.0  | 9.2   | 8.0  | 7.0  | 4.3  | 3.1 | 3.4 | 4.3  | 5.5 | 6.3 | 9.9                            | 3.3                     | 415  |
|        | 09-11             | 35.7  | 10.2  | 6.4  | 6.5  | 5.4  | 4.2 | 3.3 | 4.3  | 6.4 | 8.0 | 9.8                            | 3.6                     | 816  |
|        | 12-14             | 29.2  | 7.8   | 7.7  | 7.0  | 6.3  | 4.9 | 4.4 | 3.1  | 6.9 | 7.4 | 13.1                           | 4.1                     | 809  |
|        | 15-17             | 23.9  | 11.0  | 7.1  | 5.4  | 3.0  | 3.6 | 5.4 | 6.8  | 7.7 | 7.9 | 14.3                           | 4.3                     | 482  |
|        | 18-20             | 52.9  |       | 11.8 | 11.8 |      |     | 5.9 | 11.8 |     |     | 5.9                            | 2.4                     | 17   |
|        | 21-23             | 54.5  | 18.2  |      |      |      |     |     |      | 9.1 |     | 18.2                           | 2.7                     | 11   |
|        |                   |   |       |      |      |      |     |     |      |     |     |                                |                         |      |
|        |                   |   |       |      |      |      |     |     |      |     |     |                                |                         |      |
|        |                   |   |       |      |      |      |     |     |      |     |     |                                |                         |      |
|        |                   |   |       |      |      |      |     |     |      |     |     |                                |                         |      |
| TOTALS |                   | 32.2  | 20.2  | 8.9  | 8.9  | 4.6  | 3.0 | 3.2 | 4.4  | 4.9 | 3.7 | 10.1                           | 3.1                     | 2503 |

## SKY COVER

62-73

May

STATION

STATION NAME

PERIOD

MONTH

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |     |     |     |      |      |      |      |      |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|---|------|-----|-----|-----|------|------|------|------|------|------|--------------------------------|-------------------------|
|        |                   | 0   | 1    | 2   | 3   | 4   | 5    | 6    | 7    | 8    | 9    | 10   |                                |                         |
| MAY    | 00-02             | 70.0  |      |     |     |     | 20.0 |      | 10.0 |      |      |      | 1.7                            | 10                      |
|        | 03-05             | 46.7  | 13.3 | 3.3 | 6.7 | 6.7 |      |      | 3.3  |      | 3.3  | 16.7 | 2.9                            | 30                      |
|        | 06-08             | 44.0  | 8.2  | 4.9 | 4.2 | 4.6 | 4.0  | 2.5  | 3.6  | 3.3  | 8.3  | 9.9  | 3.3                            | 327                     |
|        | 09-11             | 37.8  | 13.3 | 5.5 | 5.7 | 5.2 | 3.0  | 4.1  | 3.8  | 4.8  | 4.6  | 10.2 | 3.2                            | 825                     |
|        | 12-14             | 22.0  | 11.4 | 9.2 | 8.2 | 7.6 | 7.7  | 4.0  | 6.3  | 5.8  | 7.7  | 10.1 | 4.1                            | 815                     |
|        | 15-17             | 14.8  | 9.3  | 7.1 | 9.3 | 7.4 | 7.4  | 6.0  | 7.1  | 10.7 | 8.2  | 12.6 | 4.9                            | 365                     |
|        | 18-20             | 9.0   | 11.5 | 7.7 | 1.9 | 3.8 | 7.7  | 7.7  | 7.7  | 3.8  | 17.3 | 21.2 | 5.8                            | 52                      |
|        | 21-23             | 34.8  | 13.0 |     | 8.7 |     | 4.3  | 17.4 | 4.3  | 8.7  |      | 8.7  | 3.5                            | 23                      |
|        |                   |   |      |     |     |     |      |      |      |      |      |      |                                |                         |
|        |                   |   |      |     |     |     |      |      |      |      |      |      |                                |                         |
|        |                   |   |      |     |     |     |      |      |      |      |      |      |                                |                         |
|        |                   |   |      |     |     |     |      |      |      |      |      |      |                                |                         |
|        |                   |   |      |     |     |     |      |      |      |      |      |      |                                |                         |
| TOTALS |                   | 35.0  | 10.0 | 4.7 | 5.6 | 4.4 | 7.0  | 5.2  | 5.8  | 4.9  | 6.2  | 11.2 | 3.7                            | 2047                    |

FORM 0.9-5 (OLI)

**PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.**



## SKY COVER

61-73

JUN

STATION

STATION NAME

PERIOD

MONTH

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |      |      |      |     |     |     |     |      |     | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|---|------|------|------|------|-----|-----|-----|-----|------|-----|--------------------------------|-------------------------|
|        |                   | 0   | 1    | 2    | 3    | 4    | 5   | 6   | 7   | 8   | 9    | 10  |                                |                         |
| JUN    | 00-02             | 50.0  | 10.0 | 30.0 | 10.0 |      |     |     |     |     |      |     | 1.0                            | 10                      |
|        | 03-05             | 41.2  | 11.8 | 17.6 | 11.8 | 5.9  | 5.9 |     |     |     | 5.9  |     | 1.9                            | 17                      |
|        | 06-08             | 43.4  | 12.1 | 8.7  | 6.9  | 6.7  | 4.4 | 3.0 | 2.4 | 3.8 | 4.0  | 4.6 | 2.5                            | 505                     |
|        | 09-11             | 42.1  | 16.8 | 8.7  | 7.4  | 5.4  | 2.7 | 3.2 | 2.5 | 3.3 | 3.1  | 4.7 | 2.3                            | 808                     |
|        | 12-14             | 20.4  | 12.9 | 12.2 | 9.8  | 11.8 | 6.3 | 5.5 | 3.9 | 4.9 | 6.2  | 6.0 | 3.6                            | 813                     |
|        | 15-17             | 13.8  | 11.0 | 6.8  | 8.6  | 11.0 | 4.7 | 8.6 | 8.9 | 8.4 | 9.4  | 8.9 | 4.7                            | 383                     |
|        | 18-20             | 22.6  | 17.0 | 13.2 | 3.8  | 7.3  | 1.9 | 5.7 | 7.5 | 7.3 | 11.3 | 1.9 | 3.6                            | 53                      |
|        | 21-23             | 48.9  |      | 9.1  | 10.2 | 6.1  | 3.0 | 9.1 |     |     |      | 6.1 | 2.3                            | 33                      |
|        |                   |   |      |      |      |      |     |     |     |     |      |     |                                |                         |
|        |                   |   |      |      |      |      |     |     |     |     |      |     |                                |                         |
|        |                   |   |      |      |      |      |     |     |     |     |      |     |                                |                         |
|        |                   |   |      |      |      |      |     |     |     |     |      |     |                                |                         |
| TOTALS |                   | 33.8  | 11.8 | 13.3 | 9.6  | 6.8  | 3.6 | 4.4 | 3.2 | 3.3 | 3.0  | 4.1 | 2.7                            | 2622                    |

### SKY COVER

JUL

**MONTH**

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |      |      |      |      |      |      |      |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |      |
|--------|-------------------|---|------|------|------|------|------|------|------|------|------|--------------------------------|-------------------------|------|
|        |                   | 0   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10                             |                         |      |
| JUL    | 00-02             | 29.4  | 5.9  | 5.9  | 5.9  | 11.8 |      | 17.6 | 5.9  | 5.9  |      | 11.8                           | 3.9                     | 17   |
|        | 03-05             |   |      | 29.0 | 22.6 | 3.2  | 6.5  | 3.2  |      | 9.7  | 6.5  | 19.4                           | 5.2                     | 31   |
|        | 06-08             | 13.0  | 16.1 | 11.6 | 10.4 | 7.3  | 6.7  | 2.4  | 6.1  | 5.9  | 6.1  | 12.6                           | 4.4                     | 309  |
|        | 09-11             | 15.3  | 16.6 | 13.4 | 9.2  | 6.2  | 7.0  | 6.5  | 5.9  | 6.1  | 4.7  | 7.1                            | 3.8                     | 803  |
|        | 12-14             | 4.0   | 6.6  | 10.4 | 13.6 | 13.3 | 11.6 | 9.9  | 9.0  | 7.8  | 8.3  | 5.3                            | 4.9                     | 799  |
|        | 15-17             | 1.8   | 1.1  | 6.9  | 7.9  | 8.2  | 13.5 | 10.0 | 13.7 | 13.2 | 13.2 | 10.6                           | 6.2                     | 379  |
|        | 18-20             | 10.5  | 5.5  | 10.5 | 2.6  | 10.5 |      | 2.6  | 5.3  | 13.2 | 16.4 | 21.1                           | 6.1                     | 38   |
|        | 21-23             | 13.5  | 10.0 | 6.7  | 3.3  | 6.7  | 13.5 |      | 3.3  | 16.7 | 13.3 | 13.3                           | 5.4                     | 30   |
|        |                   |   |      |      |      |      |      |      |      |      |      |                                |                         |      |
|        |                   |   |      |      |      |      |      |      |      |      |      |                                |                         |      |
|        |                   |   |      |      |      |      |      |      |      |      |      |                                |                         |      |
|        |                   |   |      |      |      |      |      |      |      |      |      |                                |                         |      |
| TOTALS |                   | 10.9  | 7.7  | 11.8 | 9.4  | 8.7  | 7.3  | 6.3  | 6.2  | 9.8  | 9.1  | 12.7                           | 5.0                     | 2004 |

## SKY COVER

61-73

**AUG**

STATION

STATION NAME

**PERIOD**

MONTH

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |      |      |      |      |      |     |      |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |      |
|--------|-------------------|---|------|------|------|------|------|------|-----|------|------|--------------------------------|-------------------------|------|
|        |                   | 0   | 1    | 2    | 3    | 4    | 5    | 6    | 7   | 8    | 9    | 10                             |                         |      |
| AUG    | 00-02             | 30.0  |      | 20.0 | 5.0  | 15.0 | 5.0  | 5.0  | 5.0 |      | 5.0  | 10.0                           | 3.5                     | 20   |
|        | 03-05             | 7.1   | 4.8  | 14.3 | 9.5  | 11.9 | 16.7 | 2.4  |     | 4.8  | 2.4  | 26.2                           | 5.3                     | 42   |
|        | 06-08             | 25.0  | 15.3 | 11.2 | 7.9  | 7.4  | 5.2  | 4.7  | 4.1 | 5.6  | 6.7  | 6.8                            | 3.5                     | 555  |
|        | 09-11             | 23.2  | 17.2 | 13.9 | 9.4  | 7.3  | 4.9  | 5.1  | 4.5 | 4.9  | 4.8  | 4.7                            | 3.2                     | 858  |
|        | 12-14             | 4.3   | 12.3 | 14.3 | 14.4 | 11.1 | 9.3  | 6.3  | 7.9 | 7.0  | 9.2  | 3.7                            | 4.5                     | 846  |
|        | 15-17             | 2.0   | 4.0  | 6.3  | 13.2 | 10.0 | 10.7 | 11.2 | 8.5 | 11.2 | 12.9 | 10.0                           | 5.8                     | 402  |
|        | 18-20             | 9.3   | 13.0 | 3.7  | 7.4  | 1.9  | 1.9  | 11.1 | 9.3 | 13.0 | 16.3 | 11.1                           | 5.7                     | 54   |
|        | 21-23             | 33.3  | 5.1  |      | 5.1  | 5.1  | 7.7  | 17.9 | 2.6 | 7.7  | 5.1  | 10.3                           | 4.2                     | 39   |
|        |                   |   |      |      |      |      |      |      |     |      |      |                                |                         |      |
|        |                   |   |      |      |      |      |      |      |     |      |      |                                |                         |      |
|        |                   |   |      |      |      |      |      |      |     |      |      |                                |                         |      |
|        |                   |   |      |      |      |      |      |      |     |      |      |                                |                         |      |
| TOTALS |                   | 16.2  | 9.0  | 10.5 | 9.0  | 8.7  | 7.7  | 8.0  | 5.2 | 6.8  | 8.1  | 10.4                           | 4.5                     | 2816 |

## SKY COVER

61-73

SEP

STATION

STATION NAME

PERIOD

**MONTH**

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>[L.S.T.] | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |      |     |     |      |      |      |      |     | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |      |
|--------|-------------------|---|------|------|-----|-----|------|------|------|------|-----|--------------------------------|-------------------------|------|
|        |                   | 0   | 1    | 2    | 3   | 4   | 5    | 6    | 7    | 8    | 9   | 10                             |                         |      |
| SEP    | 00-02             | 46.7  |      | 6.7  |     |     | 13.3 | 13.3 |      | 6.7  |     | 13.3                           | 3.5                     | 15   |
|        | 03-05             | 52.9  | 5.9  | 8.8  |     | 2.9 |      | 8.8  | 2.9  | 3.9  |     | 11.8                           | 2.7                     | 34   |
|        | 06-08             | 37.7  | 14.6 | 5.5  | 5.0 | 6.0 | 3.1  | 2.6  | 6.7  | 5.0  | 3.1 | 10.7                           | 3.2                     | 419  |
|        | 09-11             | 36.6  | 14.1 | 6.2  | 6.5 | 4.6 | 3.3  | 4.2  | 5.8  | 4.6  | 4.3 | 7.7                            | 3.0                     | 672  |
|        | 12-14             | 19.5  | 15.3 | 11.2 | 7.9 | 9.1 | 5.8  | 4.8  | 5.7  | 7.7  | 6.0 | 7.1                            | 3.8                     | 672  |
|        | 15-17             | 14.4  | 11.1 | 9.6  | 9.3 | 6.9 | 6.3  | 5.7  | 7.5  | 10.6 | 8.4 | 9.9                            | 4.7                     | 333  |
|        | 18-20             | 37.5  | 6.3  | 4.2  | 8.3 | 6.3 | 2.1  | 2.1  | 8.3  | 14.6 |     | 10.4                           | 3.7                     | 48   |
|        | 21-23             | 28.6  | 5.7  | 8.6  | 2.9 | 8.6 | 8.6  | 11.4 | 11.4 | 2.9  | 5.7 | 5.7                            | 3.9                     | 39   |
|        |                   |   |      |      |     |     |      |      |      |      |     |                                |                         |      |
|        |                   |   |      |      |     |     |      |      |      |      |     |                                |                         |      |
|        |                   |   |      |      |     |     |      |      |      |      |     |                                |                         |      |
|        |                   |   |      |      |     |     |      |      |      |      |     |                                |                         |      |
| TOTALS |                   | 34.3  | 9.1  | 7.9  | 5.0 | 5.6 | 5.3  | 6.6  | 6.0  | 7.3  | 3.4 | 9.6                            | 3.6                     | 2228 |

**USAFETAC**      **FORM**      **0-9.5 (OLI)**      **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.**  
**NA 64**

## SKY COVER

NCV

**MONTH**

| MONTH  | HOURS<br>[L.S.T.] | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |      |     |      |     |     |      |      |     |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS |
|--------|-------------------|---|------|------|-----|------|-----|-----|------|------|-----|------|--------------------------------|------------------------|
|        |                   | 0   | 1    | 2    | 3   | 4    | 5   | 6   | 7    | 8    | 9   | 10   |                                |                        |
| OCT    | 00-02             |   |      | 20.0 |     | 20.0 |     |     | 40.0 | 20.0 |     |      | 5.6                            | 5                      |
|        | 03-05             | 56.5  |      |      | 4.3 | 8.7  | 4.3 | 8.7 | 4.3  |      | 4.3 | 8.7  | 2.8                            | 23                     |
|        | 06-08             | 45.5  | 11.2 | 6.2  | 6.0 | 5.2  | 2.9 | 1.7 | 4.0  | 2.9  | 5.5 | 9.0  | 2.8                            | 420                    |
|        | 09-11             | 45.0  | 12.2 | 4.9  | 7.0 | 4.5  | 2.4 | 3.2 | 3.1  | 6.3  | 3.6 | 7.7  | 2.7                            | 715                    |
|        | 12-14             | 38.7  | 9.7  | 7.3  | 5.9 | 5.2  | 4.5 | 4.4 | 3.4  | 5.9  | 5.9 | 8.9  | 3.3                            | 708                    |
|        | 15-17             | 38.7  | 8.8  | 8.5  | 4.8 | 4.6  | 4.0 | 5.4 | 4.6  | 6.0  | 5.4 | 9.1  | 3.3                            | 351                    |
|        | 18-20             | 77.1  | 11.4 |      |     |      |     |     |      | 2.9  |     | 8.6  | 1.2                            | 35                     |
|        | 21-23             | 58.8  | 5.9  | 17.6 |     |      |     |     |      |      |     | 17.6 | 2.2                            | 17                     |
|        |                   |   |      |      |     |      |     |     |      |      |     |      |                                |                        |
|        |                   |   |      |      |     |      |     |     |      |      |     |      |                                |                        |
|        |                   |   |      |      |     |      |     |     |      |      |     |      |                                |                        |
|        |                   |   |      |      |     |      |     |     |      |      |     |      |                                |                        |
| TOTALS |                   | 45.0  | 7.4  | 8.1  | 3.5 | 6.0  | 2.3 | 2.9 | 7.4  | 5.5  | 3.1 | 8.7  | 3.0                            | 2274                   |

## SKY COVER

NGV

STATION

STATION NAME

PERIOD

MONTH

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |      |     |      |     |     |      |     |      |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |      |
|--------|-------------------|---|------|-----|------|-----|-----|------|-----|------|------|--------------------------------|-------------------------|------|
|        |                   | 0   | 1    | 2   | 3    | 4   | 5   | 6    | 7   | 8    | 9    |                                |                         | 10   |
| NOV    | 00-02             | 33.3  |      |     | 33.3 |     |     | 33.3 |     |      |      |                                | 3.7                     | 3    |
|        | 03-05             | 27.3  | 9.1  | 9.1 |      |     |     |      | 9.1 | 9.1  | 36.4 | 5.5                            | 11                      |      |
|        | 06-08             | 31.7  | 11.5 | 2.9 | 5.0  | 5.4 | 5.0 | 2.5  | 5.4 | 6.8  | 7.2  | 16.5                           | 4.2                     | 278  |
|        | 09-11             | 33.6  | 10.1 | 6.3 | 6.2  | 2.7 | 3.9 | 4.4  | 5.0 | 6.0  | 7.5  | 14.3                           | 3.9                     | 666  |
|        | 12-14             | 30.3  | 8.5  | 4.2 | 7.0  | 7.8 | 4.6 | 4.6  | 4.0 | 8.5  | 5.7  | 14.8                           | 4.1                     | 670  |
|        | 15-17             | 30.6  | 6.3  | 7.9 | 7.4  | 6.5 | 4.0 | 3.1  | 3.4 | 7.9  | 7.0  | 15.7                           | 4.2                     | 445  |
|        | 18-20             | 12.8  | 2.6  | 5.1 | 10.3 | 7.7 |     |      | 5.1 | 17.9 | 7.7  | 30.8                           | 6.3                     | 39   |
|        | 21-23             | 38.5  |      | 7.7 |      |     | 7.7 | 15.4 | 7.7 |      |      | 23.1                           | 4.3                     | 13   |
|        |                   |   |      |     |      |     |     |      |     |      |      |                                |                         |      |
|        |                   |   |      |     |      |     |     |      |     |      |      |                                |                         |      |
|        |                   |   |      |     |      |     |     |      |     |      |      |                                |                         |      |
|        |                   |   |      |     |      |     |     |      |     |      |      |                                |                         |      |
| TOTALS |                   | 29.8  | 6.0  | 5.4 | 4.5  | 7.9 | 3.2 | 3.8  | 8.0 | 7.0  | 5.3  | 19.0                           | 4.5                     | 2125 |

USAFETAC FORM 0-9.3 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

DEC

**MONTH**

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |       |      |      |     |     |      |     |     |     | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |      |
|--------|-------------------|---|-------|------|------|-----|-----|------|-----|-----|-----|--------------------------------|-------------------------|------|
|        |                   | 0   | 1     | 2    | 3    | 4   | 5   | 6    | 7   | 8   | 9   |                                |                         | 10   |
| DEC    | 00-02             | 60.0  | 20.0  |      | 20.0 |     |     |      |     |     |     |                                | .8                      | 5    |
|        | 03-05             |   | 100.0 |      |      |     |     |      |     |     |     |                                | 1.0                     | 3    |
|        | 06-08             | 28.0  | 11.6  | 5.8  | 4.7  | 4.7 | 3.3 | 2.2  | 5.1 | 7.3 | 7.6 | 19.6                           | 4.4                     | 275  |
|        | 09-11             | 27.8  | 13.6  | 5.4  | 4.1  | 4.2 | 3.5 | 3.4  | 4.5 | 6.6 | 7.6 | 19.2                           | 4.4                     | 683  |
|        | 12-14             | 27.1  | 12.2  | 6.6  | 4.7  | 3.9 | 3.6 | 3.6  | 6.2 | 6.0 | 8.4 | 17.7                           | 4.4                     | 665  |
|        | 15-17             | 29.1  | 9.4   | 4.6  | 5.9  | 6.2 | 3.7 | 2.5  | 6.2 | 6.2 | 8.5 | 17.8                           | 4.4                     | 437  |
|        | 18-20             | 31.6  |       |      | 13.6 |     | 4.5 | 13.6 |     | 9.1 | 4.5 | 22.7                           | 4.9                     | 22   |
|        | 21-23             | 33.3  |       | 11.1 | 33.3 |     |     |      |     |     |     | 22.2                           | 3.4                     | 9    |
|        |                   |   |       |      |      |     |     |      |     |     |     |                                |                         |      |
|        |                   |   |       |      |      |     |     |      |     |     |     |                                |                         |      |
|        |                   |   |       |      |      |     |     |      |     |     |     |                                |                         |      |
|        |                   |   |       |      |      |     |     |      |     |     |     |                                |                         |      |
| TOTALS |                   | 29.6  | 20.7  | 4.2  | 10.8 | 2.4 | 2.3 | 3.2  | 2.8 | 4.4 | 4.6 | 14.9                           | 3.5                     | 2099 |

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperatures

**NOTE:** Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

**NOTE:** The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse



3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC  
 93061 STALLION SITE NM

# DAILY TEMPERATURES

61-73

ALL

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F)  | JAN.   | FEB.   | MAR.   | APR.  | MAY   | JUN.  | JUL.  | AUG.  | SEP.  | OCT.  | NOV.  | DEC.  | ANNUAL |
|------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 100        |        |        |        |       |       | 2.5   | 1.5   |       |       |       |       |       | .4     |
| 95         |        |        |        |       |       | 14.2  | 19.7  | 5.1   |       |       |       |       | 3.9    |
| 90         |        |        |        | .4    | 4.0   | 42.5  | 59.5  | 33.9  | 5.6   |       |       |       | 13.1   |
| 85         |        |        |        | 1.8   | 28.3  | 72.7  | 86.9  | 74.0  | 24.6  | 2.1   |       |       | 23.8   |
| 80         |        |        | .7     | 12.1  | 58.3  | 92.0  | 95.6  | 92.1  | 66.8  | 17.8  |       |       | 38.1   |
| 75         |        | .4     | 8.3    | 31.5  | 83.7  | 96.7  | 98.5  | 98.3  | 88.4  | 43.0  | 3.1   |       | 47.9   |
| 70         | .8     | 6.5    | 26.6   | 63.4  | 93.5  | 97.8  | 99.3  | 99.7  | 93.1  | 68.6  | 11.5  | .4    | 57.1   |
| 65         | 6.3    | 14.3   | 41.5   | 78.4  | 97.8  | 99.6  | 99.6  | 100.0 | 98.5  | 82.2  | 33.2  | 3.5   | 64.7   |
| 60         | 15.4   | 34.2   | 58.8   | 92.3  | 98.2  | 100.0 | 100.0 |       | 100.0 | 91.7  | 54.4  | 11.8  | 73.0   |
| 55         | 35.6   | 48.9   | 76.5   | 96.3  | 98.9  |       |       |       |       | 97.1  | 73.0  | 34.5  | 81.2   |
| 50         | 57.3   | 68.0   | 86.9   | 99.6  | 100.0 |       |       |       |       | 97.9  | 88.1  | 59.0  | 88.8   |
| 45         | 74.3   | 82.3   | 93.1   | 100.0 |       |       |       |       |       | 98.8  | 96.0  | 74.7  | 93.6   |
| 40         | 85.8   | 90.5   | 95.8   |       |       |       |       |       |       | 99.6  | 98.2  | 88.2  | 96.7   |
| 35         | 91.7   | 96.1   | 98.3   |       |       |       |       |       |       | 100.0 | 100.0 | 92.6  | 98.3   |
| 30         | 95.7   | 98.3   | 99.7   |       |       |       |       |       |       |       |       | 98.7  | 99.4   |
| 25         | 96.8   | 99.1   | 100.0  |       |       |       |       |       |       |       |       | 99.6  | 99.6   |
| 20         | 98.0   | 100.0  |        |       |       |       |       |       |       |       |       | 100.0 | 99.8   |
| 15         | 99.2   |        |        |       |       |       |       |       |       |       |       |       | 99.9   |
| 5          | 100.0  |        |        |       |       |       |       |       |       |       |       |       | 100.0  |
| MEAN       | 50.0   | 53.9   | 61.2   | 70.7  | 80.1  | 87.9  | 90.0  | 87.1  | 80.8  | 72.1  | 59.9  | 50.0  | 78.3   |
| S.D.       | 10.819 | 10.445 | 10.782 | 7.821 | 6.932 | 6.313 | 5.568 | 6.075 | 6.844 | 8.610 | 8.922 | 8.917 | 16.476 |
| TOTAL OBS. | 283    | 291    | 289    | 273   | 278   | 273   | 274   | 292   | 288   | 242   | 226   | 224   | 3092   |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC  
93061 STALLION SITE NM

# DAILY TEMPERATURES

61-73

ALL

STATION STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F)  | JAN.   | FEB.  | MAR.  | APR.  | MAY   | JUN.  | JUL.  | AUG.  | SEP.  | OCT.  | NOV.  | DEC.  | ANNUAL |
|------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 90         |        |       |       |       |       |       | .4    |       |       |       |       |       | .6     |
| 85         |        |       |       |       |       | .4    | .7    |       |       |       |       |       | .1     |
| 80         |        |       |       |       |       | 2.9   | 2.6   | 1.0   |       |       |       |       | .6     |
| 75         |        |       |       |       | 1.1   | 13.1  | 23.4  | 4.5   | .9    |       |       |       | 3.8    |
| 70         |        |       |       |       | 5.4   | 40.0  | 58.1  | 30.8  | 4.3   |       |       |       | 12.3   |
| 65         |        |       | .3    | 1.8   | 15.9  | 67.6  | 92.0  | 68.8  | 14.4  | .8    |       |       | 23.8   |
| 60         |        |       |       | 11.7  | 42.4  | 89.3  | 99.6  | 96.9  | 56.0  | 3.0   |       |       | 33.4   |
| 55         |        |       | 2.1   | 28.9  | 74.3  | 97.8  | 100.0 | 100.0 | 87.3  | 22.3  | .5    |       | 44.4   |
| 50         |        | .4    | 11.4  | 34.6  | 91.3  | 100.0 |       |       | 95.7  | 47.9  | 6.6   | .4    | 52.7   |
| 45         | 2.4    | 5.6   | 27.7  | 75.8  | 96.7  |       |       |       | 99.1  | 73.1  | 22.1  | 3.3   | 60.8   |
| 40         | 8.3    | 18.6  | 51.6  | 89.7  | 98.6  |       |       |       | 100.0 | 89.7  | 50.4  | 7.9   | 69.6   |
| 35         | 22.9   | 38.3  | 66.1  | 98.3  | 100.0 |       |       |       |       | 96.7  | 70.8  | 23.6  | 77.7   |
| 30         | 26.9   | 48.1  | 72.3  | 99.6  |       |       |       |       |       | 98.8  | 77.4  | 31.4  | 80.7   |
| 25         | 40.3   | 64.9  | 84.4  | 100.0 |       |       |       |       |       | 100.0 | 88.3  | 43.9  | 86.2   |
| 20         | 61.3   | 82.7  | 93.8  |       |       |       |       |       |       |       | 98.7  | 71.6  | 92.8   |
| 15         | 80.2   | 91.8  | 98.3  |       |       |       |       |       |       |       | 100.0 | 87.8  | 96.7   |
| 10         | 88.5   | 96.5  | 100.0 |       |       |       |       |       |       |       |       | 96.1  | 98.3   |
| 5          | 94.1   | 100.0 |       |       |       |       |       |       |       |       |       | 99.6  | 99.3   |
| 0          | 97.2   |       |       |       |       |       |       |       |       |       |       | 100.0 | 99.8   |
| -5         | 98.0   |       |       |       |       |       |       |       |       |       |       |       | 99.8   |
| -10        | 99.2   |       |       |       |       |       |       |       |       |       |       |       | 99.9   |
| -15        | 99.6   |       |       |       |       |       |       |       |       |       |       |       | 100.0  |
| -20        | 100.0  |       |       |       |       |       |       |       |       |       |       |       | 100.0  |
| MEAN       | 26.3   | 31.9  | 38.7  | 50.0  | 58.2  | 67.4  | 70.9  | 67.2  | 60.0  | 48.7  | 38.8  | 28.8  | 43.9   |
| S.D.       | 10.228 | 9.190 | 7.912 | 7.093 | 7.033 | 6.830 | 6.632 | 6.308 | 5.766 | 5.132 | 4.249 | 3.080 | 10.003 |
| TOTAL OBS. | 293    | 291   | 289   | 273   | 270   | 273   | 274   | 292   | 232   | 242   | 226   | 229   | 3092   |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC  
92061 STALLION SITE NH  
STATION STATION NAME

# DAILY TEMPERATURES

61-73

YEARS

ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F)  | JAN.  | FEB.  | MAR.  | APR.  | MAY   | JUN.  | JUL.  | AUG.  | SEP.  | OCT.  | NOV.  | DEC.  | ANNUAL |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 95         |       |       |       |       |       |       | 1.4   |       |       |       |       |       | 1.4    |
| 90         |       |       |       |       |       | 1.4   | 1.5   |       |       |       |       |       | 2.9    |
| 85         |       |       |       |       | 1.4   | 12.4  | 20.4  | 3.4   |       |       |       |       | 3.9    |
| 80         |       |       |       |       | 2.6   | 43.3  | 60.2  | 31.8  | 2.2   |       |       |       | 12.7   |
| 75         |       |       |       | 1.3   | 19.9  | 71.6  | 90.9  | 75.0  | 22.4  |       |       |       | 25.1   |
| 70         |       |       | 1.7   | 8.4   | 52.9  | 92.7  | 99.3  | 97.9  | 62.1  | 10.7  |       |       | 37.9   |
| 65         |       |       | 2.8   | 30.4  | 81.5  | 97.5  |       | 100.0 | 89.7  | 31.8  |       |       | 46.3   |
| 60         |       | 1.4   | 18.0  | 89.0  | 93.1  | 100.0 | 100.0 | 97.0  | 59.9  | 7.1   |       |       | 54.9   |
| 55         | 1.6   | 7.5   | 35.6  | 86.6  | 97.8  |       |       | 100.0 | 81.8  | 27.9  | 1.3   |       | 63.1   |
| 50         | 11.1  | 23.5  | 52.9  | 94.5  | 98.6  |       |       |       | 93.0  | 57.2  | 8.7   |       | 71.3   |
| 45         | 26.5  | 48.9  | 76.1  | 97.4  | 100.0 |       |       |       | 97.9  | 74.3  | 27.3  |       | 80.3   |
| 40         | 50.2  | 68.0  | 87.2  | 100.0 |       |       |       |       | 99.2  | 93.8  | 52.4  |       | 88.3   |
| 35         | 71.9  | 84.8  | 94.1  |       |       |       |       |       | 100.0 | 99.1  | 76.6  |       | 94.2   |
| 30         | 85.8  | 93.9  | 97.9  |       |       |       |       |       |       | 100.0 | 89.3  |       | 97.4   |
| 25         | 92.3  | 98.3  | 99.7  |       |       |       |       |       |       |       | 96.9  |       | 99.0   |
| 20         | 95.3  | 99.1  | 100.0 |       |       |       |       |       |       |       |       | 100.0 | 99.3   |
| 15         | 96.8  | 100.0 |       |       |       |       |       |       |       |       |       |       | 99.7   |
| 10         | 98.0  |       |       |       |       |       |       |       |       |       |       |       | 99.8   |
| 5          | 99.6  |       |       |       |       |       |       |       |       |       |       |       | 100.0  |
| 0          | 100.0 |       |       |       |       |       |       |       |       |       |       |       | 100.0  |
| MEAN       | 50.3  | 49.8  | 50.2  | 60.6  | 69.4  | 77.9  | 86.7  | 77.6  | 70.7  | 60.7  | 46.6  | 39.7  | 59.9   |
| S.D.       | 9.187 | 8.409 | 9.109 | 8.981 | 8.409 | 8.791 | 8.686 | 8.111 | 8.948 | 7.044 | 6.859 | 7.424 | 10.313 |
| TOTAL OBS. | 283   | 291   | 289   | 275   | 276   | 273   | 274   | 292   | 292   | 248   | 226   | 289   | 3092   |

(FROM DAILY OBSERVATIONS)

93061 STALLION SITE NM  
STATION STATION NAME

61-73

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES \* (BASED ON 2 FULL MONTHS)

# (AT LEAST ONE DAY < 24 OBS)

LEAF ETAC FORM 0-88-3 (OCT)



## PSYCHROMETRIC SUMMARY

**YEARS**

MONTH

**ALL**  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 102/101      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 0         | 5        | 5        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 100/ 99      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .1        | 25       | 25       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 98/ 97       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .2        | 59       | 59       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 96/ 95       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       | .0    | .1   | .4        | 165      | 165      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |       |       |       |       | .0    | .1    | .2    | .2    | .3   | .5        | 293      | 293      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |       |       |       | .0    | .0    | .2    | .3    | .3    | .5   | .5        | 465      | 465      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       |       | .0    | .1    | .2    | .4    | .4    | .3    | .5   | .5        | 607      | 607      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       | .0    | .1    | .4    | .6    | .6    | .4    | .2    | .5   | .5        | 730      | 730      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       | .0    | .1    | .4    | .6    | .6    | .5    | .3    | .2    | .4   | .4        | 960      | 962      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       | .0    | .1    | .2    | .3    | .3    | .4    | .4    | .3    | .4   | .4        | 1060     | 1061     |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 82/ 81       |                                     |     |     |     |     | .0   | .0    | .0    | .4    | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2   | .2        | 1183     | 1185     |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 80/ 79       |                                     |     |     |     |     | .0   | .0    | .0    | .4    | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .1   | .1        | 1128     | 1129     |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 78/ 77       | .0                                  |     |     |     | .0  | .0   | .1    | .2    | .4    | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .0   | .0        | 1320     | 1322     | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 76/ 75       | .0                                  |     |     |     | .0  | .0   | .1    | .2    | .4    | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .1   | .1        | 1105     | 1108     |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 74/ 73       |                                     |     |     | .0  | .1  | .1   | .2    | .3    | .4    | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .0   | .0        | 1202     | 1206     |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 72/ 71       |                                     | .0  | .0  | .1  | .1  | .2   | .3    | .4    | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    |      |           | 1195     | 1197     |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 70/ 69       |                                     | .0  | .0  | .1  | .1  | .2   | .3    | .4    | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    |      |           | 1188     | 1190     | 5         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 68/ 67       |                                     | .0  | .1  | .1  | .2  | .3   | .4    | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    | .1    |      |           | 1142     | 1142     | 41        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 66/ 65       | .0                                  | .1  | .1  | .2  | .3  | .4   | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    | .1    | .0    |      |           | 1102     | 1104     | 7         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 64/ 63       | .0                                  | .1  | .1  | .2  | .3  | .4   | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    | .1    | .0    |      |           | 1158     | 1160     | 1399      |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 62/ 61       | .0                                  | .1  | .1  | .2  | .3  | .4   | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    | .1    | .0    |      |           | 1002     | 1005     | 2257      |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 60/ 59       | .0                                  | .1  | .1  | .2  | .3  | .4   | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    | .1    | .0    |      |           | 1055     | 1055     | 1839      |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 58/ 57       | .0                                  | .1  | .1  | .2  | .3  | .4   | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    | .1    | .0    |      |           | 909      | 910      | 1592      |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 55       | .0                                  | .1  | .1  | .2  | .3  | .4   | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    | .1    | .0    |      |           | 929      | 942      | 1237      |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       | .0                                  | .1  | .1  | .2  | .3  | .4   | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    | .1    | .0    |      |           | 910      | 914      | 1288      |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       | .0                                  | .1  | .1  | .2  | .3  | .4   | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    | .1    | .0    |      |           | 909      | 910      | 1294      |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       | .0                                  | .1  | .1  | .2  | .3  | .4   | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    | .1    | .0    |      |           | 940      | 942      | 1218      |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       | .0                                  | .1  | .1  | .2  | .3  | .4   | .5    | .6    | .6    | .5    | .4    | .4    | .3    | .2    | .1    | .0    |      |           | 794      | 795      | 1083      |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       | .0                                  | .1  | .1  | .2  | .3  | .4   | .5    | .6    | .6</  |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

~~92061~~ ~~STALLION SITE NM~~  
STATION STATION

**61-71**

**ALL  
MONTH**

**PAGE 2**

HOURS (L, S, T)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |      |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|------|--|--|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | Dry Bulb | Wet Bulb | Dew Point |      |  |  |  |  |  |  |  |                    |       |  |  |
| 34/ 33       | .1                                  | .3  | .3  | .3  | .2  | .1   | .0    |       |       |       |       |       |       |       |       |       |      | 400      | 401      | 1073      | 1136 |  |  |  |  |  |  |  |                    |       |  |  |
| 32/ 31       | .1                                  | .2  | .2  | .2  | .1  | .1   |       |       |       |       |       |       |       |       |       |       |      | 349      | 349      | 994       | 1142 |  |  |  |  |  |  |  |                    |       |  |  |
| 30/ 29       | .1                                  | .2  | .2  | .2  | .1  | .0   |       |       |       |       |       |       |       |       |       |       |      | 299      | 300      | 824       | 1335 |  |  |  |  |  |  |  |                    |       |  |  |
| 28/ 27       | .0                                  | .2  | .2  | .2  | .1  | .0   |       |       |       |       |       |       |       |       |       |       |      | 240      | 240      | 909       | 1353 |  |  |  |  |  |  |  |                    |       |  |  |
| 26/ 25       | .0                                  | .2  | .2  | .1  | .0  |      |       |       |       |       |       |       |       |       |       |       |      | 170      | 171      | 433       | 1377 |  |  |  |  |  |  |  |                    |       |  |  |
| 24/ 23       | .0                                  | .1  | .2  | .1  | .0  |      |       |       |       |       |       |       |       |       |       |       |      | 129      | 129      | 315       | 1421 |  |  |  |  |  |  |  |                    |       |  |  |
| 22/ 21       | .0                                  | .2  | .1  | .0  | .0  |      |       |       |       |       |       |       |       |       |       |       |      | 96       | 97       | 208       | 1441 |  |  |  |  |  |  |  |                    |       |  |  |
| 20/ 19       | .0                                  | .2  | .1  | .0  |     |      |       |       |       |       |       |       |       |       |       |       |      | 76       | 77       | 161       | 1292 |  |  |  |  |  |  |  |                    |       |  |  |
| 18/ 17       | .0                                  | .1  | .0  | .0  | .0  |      |       |       |       |       |       |       |       |       |       |       |      | 46       | 46       | 98        | 1298 |  |  |  |  |  |  |  |                    |       |  |  |
| 16/ 15       | .0                                  | .1  | .0  | .0  |     |      |       |       |       |       |       |       |       |       |       |       |      | 35       | 35       | 59        | 1198 |  |  |  |  |  |  |  |                    |       |  |  |
| 14/ 13       |                                     | .1  | .0  | .0  |     |      |       |       |       |       |       |       |       |       |       |       |      | 33       | 33       | 43        | 974  |  |  |  |  |  |  |  |                    |       |  |  |
| 12/ 11       |                                     | .0  | .0  | .0  |     |      |       |       |       |       |       |       |       |       |       |       |      | 16       | 16       | 26        | 821  |  |  |  |  |  |  |  |                    |       |  |  |
| 10/ 9        |                                     | .0  | .0  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 12       | 13       | 20        | 657  |  |  |  |  |  |  |  |                    |       |  |  |
| 8/ 7         |                                     | .0  | .0  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 5        | 5        | 10        | 454  |  |  |  |  |  |  |  |                    |       |  |  |
| 6/ 5         | .0                                  | .0  | .0  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 11       | 11       | 9         | 342  |  |  |  |  |  |  |  |                    |       |  |  |
| 4/ 3         |                                     | .0  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1        | 2        | 7         | 309  |  |  |  |  |  |  |  |                    |       |  |  |
| 2/ 1         |                                     | .0  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1        | 1        | 3         | 227  |  |  |  |  |  |  |  |                    |       |  |  |
| 0/ -1        |                                     | .0  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4        | 5        | 2         | 155  |  |  |  |  |  |  |  |                    |       |  |  |
| -2/ -3       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 2         | 132  |  |  |  |  |  |  |  |                    |       |  |  |
| -4/ -5       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          | 1        |           | 72   |  |  |  |  |  |  |  |                    |       |  |  |
| -6/ -7       |                                     | .0  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1        | 1        | 1         | 48   |  |  |  |  |  |  |  |                    |       |  |  |
| -8/ -9       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 32   |  |  |  |  |  |  |  |                    |       |  |  |
| -10/-11      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          | 1        |           | 33   |  |  |  |  |  |  |  |                    |       |  |  |
| -12/-13      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 20   |  |  |  |  |  |  |  |                    |       |  |  |
| -14/-15      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 5    |  |  |  |  |  |  |  |                    |       |  |  |
| -16/-17      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          | 1        |           | 7    |  |  |  |  |  |  |  |                    |       |  |  |
| -18/-19      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 5    |  |  |  |  |  |  |  |                    |       |  |  |
| -20/-21      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 2    |  |  |  |  |  |  |  |                    |       |  |  |
| -22/-23      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1    |  |  |  |  |  |  |  |                    |       |  |  |
| -24/-25      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1    |  |  |  |  |  |  |  |                    |       |  |  |
| -26/-27      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1    |  |  |  |  |  |  |  |                    |       |  |  |
| TOTAL        | .2                                  | 2.7 | 6.7 | 7.6 | 6.5 | 5.6  | 4.5   | 3.9   | 3.4   | 3.1   | 2.9   | 2.7   | 2.5   | 2.3   | 2.1   | 1.9   | 1.7  | 2926     |          |           | 2929 |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2929     |          |           | 2929 |  |  |  |  |  |  |  |                    |       |  |  |



## PSYCHROMETRIC SUMMARY

**62-73**

YEARS

JAN 1981

**PAGE 1**

# ALL

HOURS (L, S, T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|--|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16    | 17-18 | 19-20  | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |       |  |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 2         | 2        |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| 68/ 67       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 16        | 16       |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| 66/ 65       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 22        | 22       |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| 64/ 63       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 26        | 26       |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| 62/ 61       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 22        | 22       |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 64        | 64       |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 102       | 102      |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 89        | 90       |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 117       | 117      |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 120       | 121      | 7        |           |  |  |  |  |  |  |  |       |  |       |  |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 126       | 128      | 29       |           |  |  |  |  |  |  |  |       |  |       |  |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 127       | 127      | 31       | 1         |  |  |  |  |  |  |  |       |  |       |  |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 167       | 167      | 72       | 2         |  |  |  |  |  |  |  |       |  |       |  |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 153       | 156      | 99       | 7         |  |  |  |  |  |  |  |       |  |       |  |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 151       | 152      | 160      | 6         |  |  |  |  |  |  |  |       |  |       |  |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 131       | 133      | 249      | 15        |  |  |  |  |  |  |  |       |  |       |  |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 130       | 130      | 216      | 34        |  |  |  |  |  |  |  |       |  |       |  |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 91        | 92       | 212      | 40        |  |  |  |  |  |  |  |       |  |       |  |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 93        | 94       | 226      | 101       |  |  |  |  |  |  |  |       |  |       |  |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 98        | 98       | 239      | 95        |  |  |  |  |  |  |  |       |  |       |  |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 88        | 89       | 144      | 92        |  |  |  |  |  |  |  |       |  |       |  |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 76        | 76       | 122      | 133       |  |  |  |  |  |  |  |       |  |       |  |  |
| 26/ 25       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 59        | 56       | 122      | 148       |  |  |  |  |  |  |  |       |  |       |  |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 51        | 51       | 90       | 181       |  |  |  |  |  |  |  |       |  |       |  |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 43        | 44       | 80       | 200       |  |  |  |  |  |  |  |       |  |       |  |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 29        | 30       | 54       | 179       |  |  |  |  |  |  |  |       |  |       |  |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 22        | 22       | 42       | 222       |  |  |  |  |  |  |  |       |  |       |  |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 19        | 19       | 30       | 165       |  |  |  |  |  |  |  |       |  |       |  |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 20        | 20       | 16       | 128       |  |  |  |  |  |  |  |       |  |       |  |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 9         | 9        | 22       | 120       |  |  |  |  |  |  |  |       |  |       |  |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 10        | 11       | 17       | 101       |  |  |  |  |  |  |  |       |  |       |  |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 5         | 5        | 11       | 55        |  |  |  |  |  |  |  |       |  |       |  |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      | 10        | 10       | 8        | 58        |  |  |  |  |  |  |  |       |  |       |  |  |
| Element (X)  | Σ X'                                |     | Σ X |     | Σ   |      | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature                 |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |          |       | ≤ 0 F   ≤ 32 F   ≥ 67 F   ≥ 73 F   ≥ 80 F   ≥ 93 F |       |       |       |       |       |      |           |          |          | Total     |  |  |  |  |  |  |  |       |  |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |       |  |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |       |  |       |  |  |

## PSYCHROMETRIC SUMMARY

YEARS

**PAGE 2**

**ALL**  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           | TOTAL    |          | TOTAL     |  |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1-2  | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 4/ 3         |                                     | .0   |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 2        | 6        | 62        |  |
| 2/ 1         |                                     | .0   |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 3        | 44        |  |
| 0/ -1        |                                     | .2   |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      | 4         | 5        | 2        | 33        |  |
| -2/ -3       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 2        | 29        |  |
| -4/ -5       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           | 1        |          | 19        |  |
| -6/ -7       |                                     | .0   |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 1        | 12        |  |
| -8/ -9       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 11        |  |
| -10/ -11     |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           | 1        |          | 14        |  |
| -12/ -13     |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 9         |  |
| -14/ -15     |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |  |
| -16/ -17     |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           | 1        |          | 3         |  |
| -18/ -19     |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |
| -20/ -21     |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |
| TOTAL        | 1.7                                 | 10.5 | 11.0 | 11.0 | 11.0 | 12.0 | 12.0  | 10.0  | 8.4   | 5.2   | 2.2   | .3    | .2    | .2    |       |       |      | 2342      |          | 2320     |           |  |
|              |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      | 2320      |          | 2320     |           |  |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\Sigma$ | $\Sigma n$ | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|-------------|------------|----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 5517.800    | 102316     | 44.120   | 823        | 2320     | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |       |
| Dry Bulb    | 440000      | 97220      | 41.812   | 772        | 2342     | 2.5                                | 172.5  | 7.0    |        |        |        | 744   |
| Wet Bulb    | 237770      | 73427      | 32.0     | 827        | 2320     | 1.5                                | 122.5  |        |        |        |        | 744   |
| Dew Point   | 100700      | 42297      | 18.710   | 823        | 2320     | 4.5                                | 177.5  |        |        |        |        | 744   |



## PSYCHROMETRIC SUMMARY

FER  
MONTH

**ALL**

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|----|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |    |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         | 77 |  |  |  |  |  |  |       |  |       |  |
| 6/ 2         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 61 |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 60 |  |  |  |  |  |  |       |  |       |  |
| 2/ 1         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 38 |  |  |  |  |  |  |       |  |       |  |
| 0/ -1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 30 |  |  |  |  |  |  |       |  |       |  |
| -2/ -3       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 31 |  |  |  |  |  |  |       |  |       |  |
| -4/ -5       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 11 |  |  |  |  |  |  |       |  |       |  |
| -6/ -7       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 14 |  |  |  |  |  |  |       |  |       |  |
| -8/ -9       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 4  |  |  |  |  |  |  |       |  |       |  |
| -10/-11      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 1  |  |  |  |  |  |  |       |  |       |  |
| -12/-13      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2  |  |  |  |  |  |  |       |  |       |  |
| -14/-15      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 1  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | .7                                  | 8.2   | 9.0   | 10.3  | 10.2  | 12.4   | 11.2    | 11.3    | 9.4     | 7.1     | 4.5     | 3.0     | 1.3     | .6      | .0      |         |      | 2155      | 2160     |          | 2158      |    |  |  |  |  |  |  |       |  |       |  |

USAFETAC FORM 0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





3

## YEARS

**APP**

STATION

STATION NAME

MONTH

411

HOURS (L - S - T)

[illegible]

## PSYCHROMETRIC SUMMARY

|         |                  |
|---------|------------------|
| 93061   | STALLION SITE NM |
| STATION | STATION NAME     |

61-73

YEARS

APR  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |      |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|------|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |      |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 217  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 170  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 178  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 157  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 163  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 134  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 83   |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 68   |  |  |  |  |  |  |       |  |       |  |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 63   |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 52   |  |  |  |  |  |  |       |  |       |  |
| 2/ 1         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 42   |  |  |  |  |  |  |       |  |       |  |
| 0/ -1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 24   |  |  |  |  |  |  |       |  |       |  |
| -2/ -3       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 18   |  |  |  |  |  |  |       |  |       |  |
| -4/ -5       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 11   |  |  |  |  |  |  |       |  |       |  |
| -6/ -7       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 7    |  |  |  |  |  |  |       |  |       |  |
| -8/ -9       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 5    |  |  |  |  |  |  |       |  |       |  |
| -10/ -11     |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 4    |  |  |  |  |  |  |       |  |       |  |
| -12/ -13     |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2    |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | .1                                  | .9    | 1.1   | 2.4   | 3.2   | 5.0    | 7.2     | 8.3     | 8.8     | 10.3    | 10.9    | 11.2    | 10.9    | 9.1     | 6.0     | 3.3     | 1.8  |           | 2369     | 2384     |           | 2369 |  |  |  |  |  |  |       |  |       |  |



## PSYCHROMETRIC SUMMARY

**61-73**

YEARS

**MAY**  
MONTH

PAGE 1

**ALL  
HOURS (L.S.T.)**

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31  | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .0  | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1  | .2        | 16       | 16       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1  | .2        | 30       | 30       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .2  | .2        | 57       | 57       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .2  | .4        | 125      | 125      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .4  | .6        | 153      | 153      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .6  | .8        | 187      | 187      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .8  | 1.0       | 190      | 190      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 78/ 77       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 1.0 | 1.2       | 221      | 221      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 76/ 75       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 1.2 | 1.4       | 202      | 202      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 74/ 73       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 1.4 | 1.6       | 201      | 201      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 1.6 | 1.8       | 174      | 174      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 1.8 | 2.0       | 176      | 176      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 68/ 67       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 2.0 | 2.2       | 149      | 149      | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 66/ 65       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 2.2 | 2.4       | 128      | 128      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 64/ 63       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 2.4 | 2.6       | 147      | 147      |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 62/ 61       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 2.6 | 2.8       | 105      | 107      | 30        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 2.8 | 3.0       | 97       | 97       | 137       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 3.0 | 3.2       | 65       | 64       | 165       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 3.2 | 3.4       | 73       | 73       | 343       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 3.4 | 3.6       | 35       | 36       | 370       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 3.6 | 3.8       | 40       | 40       | 320       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 3.8 | 4.0       | 24       | 24       | 382       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 4.0 | 4.2       | 14       | 14       | 312       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 4.2 | 4.4       | 14       | 14       | 198       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 4.4 | 4.6       | 6        | 6        | 150       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 4.6 | 4.8       | 4        | 4        | 106       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 4.8 | 5.0       | 3        | 3        | 91        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 5.0 | 5.2       | 1        | 1        | 42        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 5.2 | 5.4       | 1        | 1        | 13        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 5.4 | 5.6       |          |          | 10        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 5.6 | 5.8       |          |          | 6         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 5.8 | 6.0       |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       |                                     |     |     |     | </  |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

3

## 6

**61-73**

**MAY**  
**MONTH**

**PAGE 2**

ALL  
HOURS (L. S. T.)

0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**



## PSYCHROMETRIC SUMMARY

YEARS

**1111**  
**MONTH**

All

MOHRS (J. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           | TOTAL    | TOTAL    |           |
|--------------|-------------------------------------|------------|------------|------------|----------|------------------------------------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-----------|----------|----------|-----------|
|              | 0                                   | 1-2        | 3-4        | 5-6        | 7-8      | 9-10                               | 11-12  | 13-14  | 15-16  | 17-18  | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31   | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 34/ 33       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 138       |
| 32/ 31       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 108       |
| 30/ 29       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 112       |
| 28/ 27       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 120       |
| 26/ 25       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 114       |
| 24/ 23       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 109       |
| 22/ 21       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 81        |
| 20/ 19       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 66        |
| 18/ 17       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 36        |
| 16/ 15       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 42        |
| 14/ 13       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 34        |
| 12/ 11       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 24        |
| 10/ 9        |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 11        |
| 8/ 7         |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 9         |
| 6/ 5         |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 5         |
| 4/ 3         |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 7         |
| 2/ 1         |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 2         |
| 0/ -1        |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 2         |
| -2/ -3       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 1         |
| -4/ -5       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 1         |
| -6/ -7       |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 1         |
| -10/-11      |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       |           |          |          | 2         |
| TOTAL        | .7                                  | 1.3        | 1.4        | 1.4        | 1.4      | 2.0                                | 3.0    | 4.2    | 5.4    | 6.4    | 7.4   | 8.0   | 8.3   | 8.8   | 8.9   | 9.7   | 21.4  |           |          | 2614     | 2614      |
|              |                                     |            |            |            |          |                                    |        |        |        |        |       |       |       |       |       |       |       | 2614      |          | 2614     |           |
| Element (R)  | $\Sigma H^2$                        | $\Sigma H$ | $\Sigma$   | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |       |       |       |       |       |       | Total |           |          |          |           |
| Rel. Hum.    | 2499907                             | 67557      | 24,010,001 | 2014       | = 0 F    | = 32 F                             | = 67 F | = 73 F | = 80 F | = 92 F |       |       |       |       |       | 720   |       |           |          |          |           |
| Dry Bulb     | 17000012                            | 209725     | 20,000,000 | 2014       |          |                                    |        |        |        |        | 449.0 | 244.9 | 404.2 | 20.0  | 720   |       |       |           |          |          |           |
| Wet Bulb     | 640731                              | 140267     | 20,000,000 | 2014       |          |                                    |        |        |        |        | 3.2   |       |       |       |       |       | 720   |           |          |          |           |
| Dew Point    | 400000                              | 67557      | 20,000,000 | 2014       | 1.3      |                                    |        |        |        |        | 244.9 |       |       |       |       |       | 720   |           |          |          |           |



## PSYCHROMETRIC SUMMARY

**61-73**

YEARS

**JUL**  
**MONTH**

**PAGE 2**

ALL  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

~~93061~~ STALLION SITE NM

61-73

**AUG**  
**MONTH**

PAGE 2

All

HOURS (L, S, T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

93061  
STATION

STALLION SITE NM

61-73

YEARS

SEP  
MONTH

PAGE 1

ALL  
HOURS / S T

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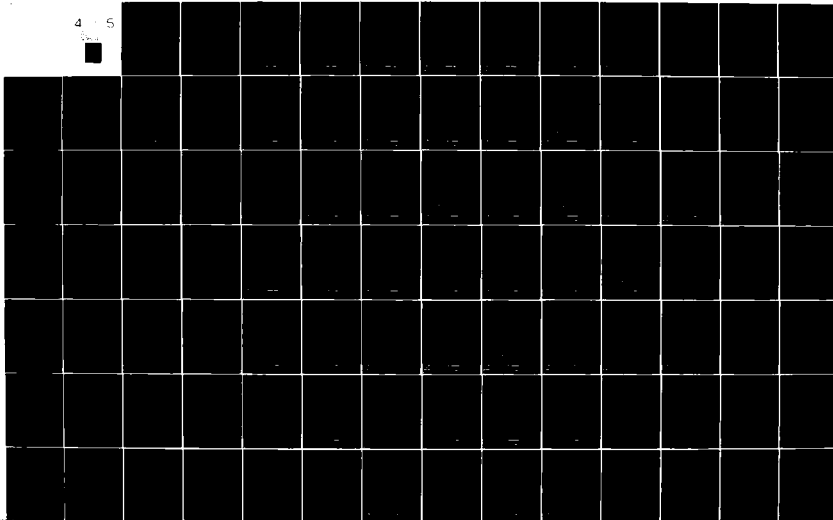
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/S 4/2  
STALLION SITE, SAN MARCIAL, NEW MEXICO. REVISED UNIFORM SUMMARY--ETC(U)  
FEB 75

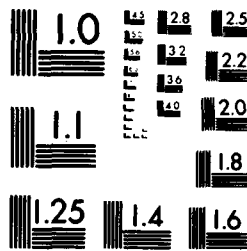
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USAFETAC/DS-80/820

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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

**93061**  
STATION

STALLION SITE NM

61,63-73

YEARS

261  
MONTH

PAGE 1



HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

92061                      STALLION SITE NM  
STATION                      STATION NAME

~~61,63=73~~

**YEARS**

**DCI**

**PAGE 2**

ALL  
HOURS 1-5 P.M.

[illegible]

## PSYCHROMETRIC SUMMARY

~~65-63-73~~

YEARS

NOV  
MONTH

PAGE 1

HOURS (L.S.T.)

## PSYCHROMETRIC SUMMARY

93061      STALLION SITE NM  
STATION      STATION NAME

**61,63-73**

**YEARS**

VEN  
MONTH

**PAGE 2**

**ALL**  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | TOTAL     |          | TOTAL    |           |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 41        |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 23        |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 9         |
| 4/ 3         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 4         |
| 0/ -1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
| TOTAL        | .5                                  | 3.7   | 5.5   | 9.7   | 7.2   | 11.0   | 12.4    | 13.7    | 10.9    | 8.3     | 7.0     | 3.8     | 2.3     | 1.5     | .3      |         |      |           | 2125     |          | 2125      |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | 2125     |          | 2125      |

| Element (X) | Σ H'   | Σ H   | Σ    | σ <sub>n</sub> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|--------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
|             |        |       |      |                |          | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |       |
| Rel. Hum.   | 400000 | 20725 | 22.6 | 19.36          | 2125     |                                    |        |        |        |        |        |       |
| Dry Bulb    | 610000 | 11000 | 22.8 | 10.00          | 2125     |                                    | 26.7   | 64.7   | 12.9   |        |        | 720   |
| Wet Bulb    | 250000 | 2000  | 10.5 | 0.20           | 2125     |                                    | 26.7   |        |        |        |        | 720   |
| Dew Point   | 150000 | 2000  | 10.5 | 0.20           | 2125     | .3                                 | 26.7   |        |        |        |        | 720   |





DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061 STALLION SITE NM  
STATION STATION NAME

61-73

YEARS

DEC  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         | TOTAL   |      | TOTAL     |          |          |           |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 2/ 1         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 35        |
| 0/ -1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 22        |
| -2/ -3       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 14        |
| -4/ -5       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 10        |
| -6/ -7       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 3         |
| -8/ -9       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 4         |
| -10/-11      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 5         |
| -12/-13      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 4         |
| -14/-15      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |
| -16/-17      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |
| -18/-19      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |
| -20/-21      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |
| -22/-23      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |
| -24/-25      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |
| -26/-27      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |
| TOTAL        | 2.2                                 | 10.4  | 10.9  | 11.5  | 12.4  | 14.0   | 11.5    | 10.9    | 8.8     | 4.1     | 2.0     | .8      | .0      |         |         |         |      | 2099      |          | 2099     | 2099      |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 2099      |          | 2099     |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |

FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JAN 64

DATA PROCESSING BRANCH  
USAF STAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72061  
STATION

STALLION SITE NM  
STATION NAME

66/73  
YEARS

MONTH

JAN

PAGE 1 0000-0200  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |   |  |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|---|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | Dry Bulb | Wet Bulb | Dew Point |   |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 34/ 33       |                                     | 12.5 |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1        | 1        |           |   |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 32/ 31       |                                     | 25.0 |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2        | 2        | 1         |   |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 30/ 29       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 2         | 1 |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 28/ 27       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 2 |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 24/ 23       |                                     | 12.5 |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1        | 1        |           |   |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 22/ 21       |                                     | 12.5 | 12.5 |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2        | 2        | 1         |   |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 20/ 19       |                                     | 25.0 |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2        | 2        | 3         |   |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 18/ 17       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 1         | 1 |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 16/ 15       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 2 |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 14/ 13       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1 |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 8/ 7         |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1 |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| TOTAL        |                                     | 87.5 | 12.5 |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 6        | 6        | 8         | 8 |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |

| Element (X) | Σ X <sup>2</sup> | Σ X | Σ | Σ | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|------------------|-----|---|---|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   |                  |     |   |   |          | ≤ 6 F                              | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |       |
| Dry Bulb    |                  |     |   |   |          |                                    |        |        |        |        |        |       |
| Wet Bulb    |                  |     |   |   |          |                                    |        |        |        |        |        |       |
| Dew Point   |                  |     |   |   |          |                                    |        |        |        |        |        |       |

FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

## PSYCHROMETRIC SUMMARY

73061      STALLION SITE NM  
STATION      STATION NAME

64, 66, 73

YEARS

JAN  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

92061  
STATION

STALLION SITE NH  
STATION NAME

02-73  
YEARS

YEARS

JAN  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  |    | TOTAL<br>D.B./W.B. | TOTAL |     |     |  |
|--------------|-------------------------------------|-----|-----|-------|-----|------|-----------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|------|----------|----------|-----------|--|--------|--|--|--------|--|--|--------|--|--|-------|--|----|--------------------|-------|-----|-----|--|
|              | 0                                   | 1-2 | 3-4 | 5-6   | 7-8 | 9-10 | 11-12     | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |  |        |  |  |        |  |  |        |  |  |       |  |    |                    |       |     |     |  |
| 46/45        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 7  | 7                  | 1     | 1   |     |  |
| 44/43        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 6  | 6                  | 2     | 1   |     |  |
| 42/41        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 9  | 9                  |       |     |     |  |
| 40/39        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 15 | 15                 | 8     | 3   |     |  |
| 38/37        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 23 | 23                 | 7     | 2   |     |  |
| 36/35        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 15 | 15                 | 10    | 5   |     |  |
| 34/33        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 17 | 17                 | 23    | 5   |     |  |
| 32/31        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 26 | 26                 | 23    | 12  |     |  |
| 30/29        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 32 | 33                 | 22    | 16  |     |  |
| 28/27        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 29 | 29                 | 30    | 13  |     |  |
| 26/25        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 23 | 23                 | 37    | 13  |     |  |
| 24/23        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 27 | 27                 | 30    | 19  |     |  |
| 22/21        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 25 | 26                 | 25    | 29  |     |  |
| 20/19        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 15 | 16                 | 25    | 22  |     |  |
| 18/17        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 9  | 9                  | 17    | 34  |     |  |
| 16/15        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 9  | 9                  | 15    | 23  |     |  |
| 14/13        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 12 | 12                 | 10    | 19  |     |  |
| 12/11        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 4  | 4                  | 6     | 19  |     |  |
| 10/9         |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 3  | 4                  | 11    | 19  |     |  |
| 8/7          |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 2  | 2                  | 2     | 8   |     |  |
| 6/5          |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 6  | 6                  | 3     | 10  |     |  |
| 4/3          |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 1  | 2                  | 4     | 12  |     |  |
| 2/1          |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  |    |                    | 2     | 4   |     |  |
| 0/-1         |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  | 3  | 3                  | 1     | 5   |     |  |
| -2/-3        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  |    |                    | 2     | 6   |     |  |
| -4/-5        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  |    |                    | 1     | 3   |     |  |
| -6/-7        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  |    |                    |       | 2   |     |  |
| -8/-9        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  |    |                    |       | 2   |     |  |
| -10/-11      |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  |    |                    |       | 1   | 2   |  |
| -12/-13      |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  |    |                    |       |     | 2   |  |
| -14/-15      |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  |    |                    |       | 1   | 3   |  |
| -16/-17      |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  |    |                    |       |     | 3   |  |
| TOTAL        |                                     |     |     |       |     |      |           |       |       |       |       |       |          |       |       |                                    |      |          |          |           |  |        |  |  |        |  |  |        |  |  |       |  |    | 319                | 327   | 319 | 319 |  |
| Element (X)  | Σx <sup>2</sup>                     |     |     | Σx    |     |      | Σ         |       |       | Σ     |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |      |          |          |           |  | Total  |  |  |        |  |  |        |  |  |       |  |    |                    |       |     |     |  |
| Rel. Hum.    | 147700                              |     |     | 21034 |     |      | 602010100 |       |       | 319   |       |       | ≤ 0 F    |       |       | ≤ 32 F                             |      |          | ≤ 67 F   |           |  | ≤ 73 F |  |  | ≤ 80 F |  |  | ≤ 93 F |  |  | Total |  |    |                    |       |     |     |  |
| Dry Bulb     | 207511                              |     |     | 8734  |     |      | 207511    |       |       | 319   |       |       | 24       |       |       | 60                                 |      |          |          |           |  |        |  |  |        |  |  |        |  |  | 93    |  |    |                    |       |     |     |  |
| Wet Bulb     | 207511                              |     |     | 7034  |     |      | 207511    |       |       | 319   |       |       | 12       |       |       | 77                                 |      |          |          |           |  |        |  |  |        |  |  |        |  |  | 93    |  |    |                    |       |     |     |  |
| Dew Point    | 187401                              |     |     | 5914  |     |      | 187401    |       |       | 319   |       |       | 6        |       |       | 80                                 |      |          |          |           |  |        |  |  |        |  |  |        |  |  | 93    |  |    |                    |       |     |     |  |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

## PSYCHROMETRIC SUMMARY

**JAN**  
**MONTH**

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | TOTAL    |          | TOTAL     |     |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-----|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |     |
| -6/-7        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 3   |
| -8/-9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 1   |
| -10/-11      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 4   |
| -12/-13      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2   |
| -14/-15      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 1   |
| -20/-21      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 1   |
| TOTAL        | 1.5                                 | 10.1  | 14.5  | 17.2  | 17.5  | 16.4   | 10.6    | 5.0     | 2.0     | .5      | .3      |         |         |         |         |         |      |           | 743      | 750      | 743       | 743 |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |

## PSYCHROMETRIC SUMMARY

**62-73**

YEARS

JAN  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |       |  |       |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 68/ 67       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 7         | 7        |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 66/ 65       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 11        | 11       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 64/ 63       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 15        | 15       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 62/ 61       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 16        | 16       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 30        | 30       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 52        | 52       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 42        | 43       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 63        | 63       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 59        | 60       | 3        |           |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 62        | 63       | 15       |           |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 52        | 52       | 17       |           |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 69        | 69       | 39       |           |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 57        | 58       | 40       | 4         |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 59        | 60       | 85       | 1         |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 24        | 25       | 112      | 5         |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 26        | 26       | 91       | 14        |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 17        | 17       | 71       | 13        |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 17        | 17       | 67       | 38        |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 14        | 14       | 69       | 33        |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 12        | 12       | 94       | 29        |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 8         | 8        | 33       | 45        |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4         | 4        | 17       | 47        |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 14       | 62        |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 3         | 3        | 12       | 99        |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 3         | 3        | 5        | 61        |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 7         | 7        | 8        | 58        |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4         | 4        | 1        | 61        |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 4        | 37        |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 6        | 37        |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 2        | 39        |  |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2         | 2        | 3        | 17        |  |  |  |  |  |  |  |       |  |       |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 18        |  |  |  |  |  |  |  |       |  |       |  |
| Element (X)  | Σ X'                                |     |     |     | Σ X |      |       |       | Σ     |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |       |  |       |  |





3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

93061  
STATIONSTALLION SITE NM  
STATION NAME62-73  
YEARS

YEARS

JAN  
MONTHPAGE 1 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |   | TOTAL |   | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|---|-------|---|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |   |       |   |       |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 7         | 7        |          |           |  |   |       |   |       |  |
| 68/ 67       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 9         | 9        |          |           |  |   |       |   |       |  |
| 66/ 65       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 11        | 11       |          |           |  |   |       |   |       |  |
| 64/ 63       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 11        | 11       |          |           |  |   |       |   |       |  |
| 62/ 61       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 14        | 14       |          |           |  |   |       |   |       |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 32        | 32       |          |           |  |   |       |   |       |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 40        | 40       |          |           |  |   |       |   |       |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 31        | 31       |          |           |  |   |       |   |       |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 36        | 36       |          |           |  |   |       |   |       |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 38        | 38       | 4        |           |  |   |       |   |       |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 37        | 37       | 12       |           |  |   |       |   |       |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 38        | 38       | 10       |           |  |   |       |   |       |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 32        | 32       | 29       |           |  |   |       |   |       |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 29        | 31       | 27       |           |  |   |       |   |       |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 19        | 19       | 55       | 2         |  |   |       |   |       |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 22        | 22       | 79       | 4         |  |   |       |   |       |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 14        | 14       | 48       | 9         |  |   |       |   |       |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 12        | 12       | 39       | 10        |  |   |       |   |       |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 9         | 9        | 53       | 15        |  |   |       |   |       |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 10        | 10       | 31       | 19        |  |   |       |   |       |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 6         | 6        | 23       | 9         |  |   |       |   |       |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4         | 4        | 13       | 30        |  |   |       |   |       |  |
| 26/ 25       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 11       | 33        |  |   |       |   |       |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 11       | 33        |  |   |       |   |       |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 9        | 43        |  |   |       |   |       |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 3         | 3        | 31       | 31        |  |   |       |   |       |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2         | 2        | 2        | 52        |  |   |       |   |       |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2         | 2        | 1        | 23        |  |   |       |   |       |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 1        | 25        |  |   |       |   |       |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 4        | 26        |  |   |       |   |       |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        |          | 21        |  |   |       |   |       |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 1        | 13        |  |   |       |   |       |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 10        |  |   |       |   |       |  |
| 4/ 3         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 9         |  |   |       |   |       |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | Σ     |       | Σ     |       | Σ     |       | Σ     |       | Σ     |       | Σ    |           | Σ        |          | Σ         |  | Σ |       | Σ |       |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |   |       |   |       |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |   |       |   |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |   |       |   |       |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |   |       |   |       |  |

FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JAN 64

## PSYCHROMETRIC SUMMARY

**93061**  
STATION

STALLION SITE NH

62-73

**JAN**  
MONTH

PAGE 2 1500-1700  
HOURS L. S. T.

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |     |  | TOTAL |    | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|-----|--|-------|----|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |     |  |       |    |       |  |  |
| 2/ 1         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |     |  |       | 12 |       |  |  |
| 0/ -1        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |     |  |       | 8  |       |  |  |
| -2/ -3       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |     |  |       | 6  |       |  |  |
| -4/ -5       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |     |  |       | 4  |       |  |  |
| -6/ -7       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |     |  |       | 4  |       |  |  |
| -8/ -9       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |     |  |       | 2  |       |  |  |
| -10/-11      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |     |  |       | 4  |       |  |  |
| -12/-13      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |     |  |       | 1  |       |  |  |
| TOTAL        | .4                                  | 2.4 | 4.3 | 3.9 | 6.0 | 12.8 | 14.1  | 16.7  | 17.1  | 13.9  | 6.0   | 1.2   | .4    | .4    |       |       |      |           |          | 469      |           |  |  |  |  |  |  |  |  | 467 |  | 467   |    |       |  |  |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061 STALLION SITE NM

64-66,68-69,73

JAN

PAGE 1 1800-2000  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|-----------|----------|----------|-----------|-------|-------|--|--|
|              | 0                                   | 1-2  | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20    | 21-22 | 23-24                              | 25-26  | 27-28  | 29-30  | 31     | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |  |
| 58/ 57       |                                     |      |      |      |      |      |       |       | 5.0   |       |          |       |                                    |        |        |        |        | 1         | 1        |          |           |       |       |  |  |
| 46/ 45       |                                     |      |      | 2.0  |      |      |       |       |       |       |          |       |                                    |        |        |        |        | 1         | 1        |          |           |       |       |  |  |
| 44/ 43       |                                     |      |      | 10.0 | 5.0  |      |       |       |       |       |          |       |                                    |        |        |        |        | 3         | 3        |          |           |       |       |  |  |
| 42/ 41       |                                     |      |      | 2.0  |      |      |       |       |       |       |          |       |                                    |        |        |        |        | 1         | 1        | 1        |           |       |       |  |  |
| 40/ 39       |                                     |      |      | 5.0  |      |      |       |       |       |       |          |       |                                    |        |        |        |        | 1         | 1        | 1        |           |       |       |  |  |
| 38/ 37       |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          | 2        |           |       |       |  |  |
| 36/ 35       |                                     | 5.0  |      |      |      |      | 5.0   |       |       |       |          |       |                                    |        |        |        |        | 2         | 2        | 2        |           |       |       |  |  |
| 34/ 33       |                                     | 5.0  |      | 10.0 |      | 5.0  |       |       |       |       |          |       |                                    |        |        |        |        | 4         | 4        | 2        | 3         |       |       |  |  |
| 32/ 31       |                                     |      |      | 10.0 |      |      |       |       |       |       |          |       |                                    |        |        |        |        | 2         | 2        | 1        | 1         |       |       |  |  |
| 30/ 29       |                                     |      | 10.0 | 2.0  |      |      |       |       |       |       |          |       |                                    |        |        |        |        | 3         | 3        |          | 1         |       |       |  |  |
| 28/ 27       |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          | 4        | 2         |       |       |  |  |
| 26/ 25       |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          | 4        | 1         |       |       |  |  |
| 24/ 23       |                                     |      |      |      | 5.0  |      |       |       |       |       |          |       |                                    |        |        |        |        | 1         | 1        | 1        |           |       |       |  |  |
| 22/ 21       |                                     |      |      | 2.0  |      |      |       |       |       |       |          |       |                                    |        |        |        |        | 1         | 1        |          | 2         |       |       |  |  |
| 20/ 19       |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 1         |       |       |  |  |
| 18/ 17       |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          | 2        | 3         |       |       |  |  |
| 16/ 15       |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 1         |       |       |  |  |
| 14/ 13       |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 1         |       |       |  |  |
| 12/ 11       |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 1         |       |       |  |  |
| 10/ 9        |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 1         |       |       |  |  |
| 8/ 7         |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 1         |       |       |  |  |
| 6/ 5         |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 1         |       |       |  |  |
| 4/ 3         |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 1         |       |       |  |  |
| 2/ 1         |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 1         |       |       |  |  |
| 0/ -1        |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 1         |       |       |  |  |
| -2/ -3       |                                     |      |      |      |      |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 1         |       |       |  |  |
| TOTAL        |                                     | 10.0 | 10.0 | 5.0  | 10.0 | 5.0  | 5.0   |       | 5.0   |       |          |       |                                    |        |        |        |        | 20        | 20       | 20       | 20        |       |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |      | Σ X  |      | Σ    |      | Σ     |       | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |           |          |          |           |       | Total |  |  |
| Rel. Hum.    | 67500                               |      | 1000 |      | 20.0 |      | 20.0  |       | 20.0  |       | 20       |       | ≤ 0 F                              | ≤ 32 F | ≤ 47 F | ≤ 73 F | ≤ 80 F | ≤ 93 F    |          |          |           |       |       |  |  |
| Dry Bulb     | 10700                               |      | 715  |      | 20.0 |      | 20.0  |       | 20.0  |       | 20       |       |                                    | 22.0   |        |        |        |           |          |          | 93        |       |       |  |  |
| Wet Bulb     | 10700                               |      | 715  |      | 20.0 |      | 20.0  |       | 20.0  |       | 20       |       |                                    | 22.0   |        |        |        |           |          |          | 93        |       |       |  |  |
| Dew Point    | 10700                               |      | 715  |      | 20.0 |      | 20.0  |       | 20.0  |       | 20       |       | 2.5                                | 79.0   |        |        |        |           |          |          | 93        |       |       |  |  |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

## PSYCHROMETRIC SUMMARY

**73061**  
**STATION**

STALLION SITE NM

64, 66, 68-69, 73

**JAN**  
**MONTH**

PAGE 1 2100-2300

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |          |         |     |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|----------|---------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|-------|--|--|
|              | 0                                   | 1-2      | 3-4     | 5-6 | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |       |       |  |  |
| 42/ 41       |                                     |          | 8.3     |     |      |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |       |       |  |  |
| 38/ 37       |                                     | 8.3      |         | 4.2 |      |      |       |       |       |       |       |       |       |       |       |       |      | 2         | 2        | 1        |           |  |  |  |  |  |  |  |       |       |  |  |
| 36/ 35       |                                     | 8.3      |         |     |      |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 2        |           |  |  |  |  |  |  |  |       |       |  |  |
| 34/ 33       |                                     | 16.7     |         |     |      |      |       |       |       |       |       |       |       |       |       |       |      | 2         | 2        | 1        | 3         |  |  |  |  |  |  |  |       |       |  |  |
| 32/ 31       |                                     | 8.3      |         |     |      |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 2        |           |  |  |  |  |  |  |  |       |       |  |  |
| 30/ 29       |                                     |          |         |     |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 1        |           |  |  |  |  |  |  |  |       |       |  |  |
| 28/ 27       |                                     |          | 8.3     |     |      |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        |          | 4         |  |  |  |  |  |  |  |       |       |  |  |
| 26/ 25       |                                     |          | 4.2     |     |      |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 1        |           |  |  |  |  |  |  |  |       |       |  |  |
| 24/ 23       |                                     | 8.3      |         |     | 16.7 |      |       |       |       |       |       |       |       |       |       |       |      | 3         | 3        | 1        |           |  |  |  |  |  |  |  |       |       |  |  |
| 22/ 21       |                                     |          |         |     |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 1        |           |  |  |  |  |  |  |  |       |       |  |  |
| 18/ 17       |                                     |          |         |     |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |  |  |  |  |  |  |  |       |       |  |  |
| 16/ 15       |                                     |          |         |     |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 2        | 1         |  |  |  |  |  |  |  |       |       |  |  |
| 10/-11       |                                     |          |         |     |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |       |       |  |  |
| 10/-19       |                                     |          |         |     |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |       |       |  |  |
| TOTAL        |                                     | 50.023.0 | 8.316.7 |     |      |      |       |       |       |       |       |       |       |       |       |       |      | 12        | 12       | 12       | 12        |  |  |  |  |  |  |  |       |       |  |  |

## PSYCHROMETRIC SUMMARY

72061                      STALLION SILE NM  
STATION                      STATION NAME

64

YEARS

**FEB**  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |            |          |            |          |                                    |                   |                |                |                |                |       |       |       |       |       |      |          |          |           |   |   |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|------------|----------|------------|----------|------------------------------------|-------------------|----------------|----------------|----------------|----------------|-------|-------|-------|-------|-------|------|----------|----------|-----------|---|---|--|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1-2        | 3-4      | 5-6        | 7-8      | 9-10                               | 11-12             | 13-14          | 15-16          | 17-18          | 19-20          | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | Dry Bulb | Wet Bulb | Dew Point |   |   |  |  |  |  |  |  |                    |       |  |  |
| 44/ 43       |                                     | 16.7       |          |            |          |                                    |                   |                |                |                |                |       |       |       |       |       |      |          | 1        | 1         |   |   |  |  |  |  |  |  |                    |       |  |  |
| 42/ 41       |                                     | 16.7       |          |            |          |                                    |                   |                |                |                |                |       |       |       |       |       |      |          | 1        | 1         | 1 | 1 |  |  |  |  |  |  |                    |       |  |  |
| 40/ 39       |                                     | 16.7       |          |            |          |                                    |                   |                |                |                |                |       |       |       |       |       |      |          | 1        | 1         | 1 |   |  |  |  |  |  |  |                    |       |  |  |
| 38/ 37       |                                     |            |          |            |          |                                    |                   |                |                |                |                |       |       |       |       |       |      |          |          |           | 1 |   |  |  |  |  |  |  |                    |       |  |  |
| 36/ 35       |                                     |            |          |            |          |                                    |                   |                |                |                |                |       |       |       |       |       |      |          |          |           |   | 2 |  |  |  |  |  |  |                    |       |  |  |
| 34/ 23       |                                     |            | 16.7     |            |          |                                    |                   |                |                |                |                |       |       |       |       |       |      |          | 1        | 1         |   |   |  |  |  |  |  |  |                    |       |  |  |
| 20/ 19       |                                     | 16.7       |          |            |          |                                    |                   |                |                |                |                |       |       |       |       |       |      |          | 1        | 1         | 1 |   |  |  |  |  |  |  |                    |       |  |  |
| 18/ 17       |                                     | 16.7       |          |            |          |                                    |                   |                |                |                |                |       |       |       |       |       |      |          | 1        | 1         | 1 |   |  |  |  |  |  |  |                    |       |  |  |
| 16/ 15       |                                     |            |          |            |          |                                    |                   |                |                |                |                |       |       |       |       |       |      |          |          |           | 1 |   |  |  |  |  |  |  |                    |       |  |  |
| 16/ 9        |                                     |            |          |            |          |                                    |                   |                |                |                |                |       |       |       |       |       |      |          |          |           |   | 3 |  |  |  |  |  |  |                    |       |  |  |
| TOTAL        |                                     | 83.3       | 16.7     |            |          |                                    |                   |                |                |                |                |       |       |       |       |       |      |          | 6        | 6         | 6 | 6 |  |  |  |  |  |  |                    |       |  |  |
| Element (X)  | $\Sigma X^2$                        | $\Sigma X$ | $\Sigma$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature |                   |                |                |                |                |       |       |       |       |       |      |          |          |           |   |   |  |  |  |  |  |  |                    |       |  |  |
| Rel. Hum.    | 8889                                | 444        | 722      | 16.7       | 6        | $\leq 0^\circ F$                   | $\leq 32^\circ F$ | $= 67^\circ F$ | $= 72^\circ F$ | $= 80^\circ F$ | $= 92^\circ F$ | Total |       |       |       |       |      |          |          |           |   |   |  |  |  |  |  |  |                    |       |  |  |
| Dry Bulb     | 8889                                | 444        | 722      | 16.7       | 6        |                                    | 42.2              |                |                |                |                | 86    |       |       |       |       |      |          |          |           |   |   |  |  |  |  |  |  |                    |       |  |  |
| Wet Bulb     | 8889                                | 444        | 722      | 16.7       | 6        |                                    | 42.2              |                |                |                |                | 86    |       |       |       |       |      |          |          |           |   |   |  |  |  |  |  |  |                    |       |  |  |
| Dew Point    | 8889                                | 444        | 722      | 16.7       | 6        |                                    | 42.2              |                |                |                |                | 86    |       |       |       |       |      |          |          |           |   |   |  |  |  |  |  |  |                    |       |  |  |









## PSYCHROMETRIC SUMMARY

**92061**  
**STATION**

STALLION SITE NM

62-73

FED

**PAGE 2**

**0900-1100**  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

**FEB**  
**MONTH**

HOURS (L, S, T.)

[illegible]

## PSYCHROMETRIC SUMMARY

93061      STALLION SILE NM  
STATION      STATION NAME

**62-73**

YEARS

**FEB**  
**MONTH**

PAGE 2 1200-1400  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | TOTAL     | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 24    |  |  |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 17    |  |  |
| 4/ 3         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 16    |  |  |
| 2/ 1         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 13    |  |  |
| 0/ -1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 8     |  |  |
| -2/ -3       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 14    |  |  |
| -4/ -5       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 4     |  |  |
| -6/ -7       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2     |  |  |
| -12/-13      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2     |  |  |
| TOTAL        | .4                                  | 2.9   | 4.4   | 4.2   | 6.0   | 12.7   | 13.6    | 10.4    | 13.2    | 9.3     | 7.7     | 4.7     | 1.9     | .6      |         |         |      |           | 685      | 685      | 685       |       |  |  |

## PSYCHROMETRIC SUMMARY

YEARS

FEB  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

93061      STALLION SITE NM  
STATION      STATION NAME

**62-73**

YEARS

FEB  
MONTH

**PAGE 2**      **1500-1700**  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |  |  |  |  | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|----|--|--|--|--|--|--|-------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |    |  |  |  |  |  |  |       |       |  |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 16 |  |  |  |  |  |  |       |       |  |  |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 19 |  |  |  |  |  |  |       |       |  |  |
| 4/ 3         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 12 |  |  |  |  |  |  |       |       |  |  |
| 2/ 1         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 12 |  |  |  |  |  |  |       |       |  |  |
| 0/ -1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 3  |  |  |  |  |  |  |       |       |  |  |
| -2/ -3       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 7  |  |  |  |  |  |  |       |       |  |  |
| -4/ -5       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 4  |  |  |  |  |  |  |       |       |  |  |
| -6/ -7       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 6  |  |  |  |  |  |  |       |       |  |  |
| -8/ -9       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2  |  |  |  |  |  |  |       |       |  |  |
| -10/-19      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 1  |  |  |  |  |  |  |       |       |  |  |
| TOTAL        | .7                                  | 2.9   | 5.6   | 8.6   | 3.1   | 6.3    | 11.9    | 13.5    | 15.1    | 15.1    | 7.6     | 9.4     | 2.9     | 2.0     | .2      |         |      |           | 445      | 446      | 445       |    |  |  |  |  |  |  |       |       |  |  |

## PSYCHROMETRIC SUMMARY

**FEB**  
MONTH

PAGE 1 1800-2000  
HOURS 11:57

[illegible]





3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

93061  
STATIONSTALLION SITE NM  
STATION NAME67-68,71  
YEARSMAR  
MONTH

PAGE 1

0000-0200  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/45        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |     | 3         | 3        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/41        |                                     |     |      |      |      |      |       | 10.0  |       |       |       |       |       |       |       |       |     | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/39        |                                     |     |      |      |      |      |       | 20.0  | 10.0  |       |       |       |       |       |       |       |     | 3         | 3        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/33        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/31        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/29        |                                     |     |      |      | 10.0 |      |       |       |       |       |       |       |       |       |       |       |     | 1         | 1        | 2        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/27        |                                     |     | 10.0 |      |      |      |       |       |       |       |       |       |       |       |       |       |     | 1         | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/25        |                                     |     | 10.0 |      |      |      |       |       |       |       |       |       |       |       |       |       |     | 1         | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/23        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/21        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/17        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/15        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 4         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/13        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/11        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10/9         |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8/5          |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        |                                     |     | 20.0 | 10.0 |      |      |       | 30.0  | 10.0  | 30.0  |       |       |       |       |       |       |     | 10        | 10       | 10       | 10        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma^2$ | No. Obs. | Mean No. of Hours with Temperature |             |             |             |             |             | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum.   | 10000        | 374        | 37.4      | 18.204     | 10       | $\leq 0 F$                         | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | Total |
| Dry Bulb    | 10077        | 374        | 37.4      | 7.949      | 10       |                                    | 27.9        |             |             |             |             | 93    |
| Wet Bulb    | 8983         | 287        | 28.7      | 9.029      | 10       |                                    | 23.9        |             |             |             |             | 93    |
| Dew Point   | 1044         | 124        | 12.4      | 3.971      | 10       |                                    | 23.9        |             |             |             |             | 93    |

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

93061

STALLION SILE NM

03-67, 71, 73

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 55       |                                     |     |     |     |     |      |       | 3.4   |       |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       | 3.4   |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       |                                     |     |     |     |     |      |       | 3.4   |       |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       |                                     |     |     |     |     |      |       | 3.4   | 3.4   |       |       |       |       |       |       |       |      | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       |                                     |     |     |     |     |      |       | 3.4   |       |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       | 10.2  |       |       |       |       |       |       |       |      | 3         | 3        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       | 3.4   |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       | 2.4   |       |       |       |       |       |       |       |      | 3         | 3        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       | 3.4   |       |       |       |       |       |       |       |      | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       | 10.2  | 2.4   |       |       |       |       |       |       |      | 4         | 4        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       | 12.8  | 3.4   |       |       |       |       |       |       |      | 5         | 5        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       | 3.4   |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       | 3.4   |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       |                                     |     |     |     |     |      |       |       | 3.4   |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 2/ 1         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 29        | 29       | 29       | 29        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\Sigma$ | $\Sigma^2$ | No. Obs. | Mean No. of Hours with Temperature |             |             |             |             |             | Total |
|-------------|--------------|------------|----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum.   |              |            |          |            |          | $\leq 0 F$                         | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ |       |
| Dry Bulb    | 3987         | 100        | 24.0     | 12.09      | 29       |                                    | 24.0        |             |             |             |             | 29    |
| Wet Bulb    | 2878         | 100        | 31.0     | 3.23       | 29       |                                    | 31.0        |             |             |             |             | 29    |
| Dew Point   | 744          | 29         | 12.2     | 0.45       | 29       |                                    | 12.2        |             |             |             |             | 29    |

FORM 0-26-5 (OL A)

USAFETAC

JAN 64

REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

MAR  
MONTH

PAGE 1 0600-0800  
HOURS (L - S - T -)

[illegible]

## PSYCHROMETRIC SUMMARY

**93061**  
STATION

STALLION SITE NH

**61-73**

YEARS

MAR  
MONTH

PAGE 2 0600-0800  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|-------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |       |       |  |  |
| -6/-7        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |       |       |  |  |
| -16/-17      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |       |       |  |  |
| TOTAL        | 1.5                                 | 9.4   | 12.0  | 10.3  | 18.0  | 10.5   | 12.3    | 6.6     | 3.2     | 1.5     |         |         |         | .2      |         |         |      | 406       | 406      | 406      |           |  |  |  |  |  |  |       |       |  |  |



## PSYCHROMETRIC SUMMARY

93061                      STALLION SILE NM  
STATION                      STATION NAME

61-73

YEARS

MAR  
MONTH

PAGE 2 0700-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

MAR  
 MONTH

HOURS (L. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

**93061**  
STATION

STALLION SITE NM

61-73

MAR

**PAGE 2**

1200-1400

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |       |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 30        |       |  |       |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 44        |       |  |       |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 39        |       |  |       |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 29        |       |  |       |  |
| 4/ 3         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 14        |       |  |       |  |
| 2/ 1         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 19        |       |  |       |  |
| 0/ -1        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 7         |       |  |       |  |
| -2/ -3       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 8         |       |  |       |  |
| -4/ -5       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 7         |       |  |       |  |
| -6/ -7       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 4         |       |  |       |  |
| -8/ -9       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |       |  |       |  |
| -10/-11      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |       |  |       |  |
| -12/-13      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |       |  |       |  |
| -16/-19      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |       |  |       |  |
| TOTAL        | .5                                  | 1.7 | 1.9 | 2.1 | 2.9 | 3.0  | 6.4   | 10.6  | 13.3  | 13.2  | 10.3  | 11.0  | 7.7   | 2.4   | .2    | .1    |      | 858       | 858      | 858      |           |       |  |       |  |





**PSYCHROMETRIC SUMMARY:**

93061                      STALLION SIE NM  
STATION                      STATION NAME

61-73

YEARS

MAR  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY:

MAR  
MONTH

HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------------|-----|----------|------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2        | 3-4 | 5-6      | 7-8        | 9-10     | 11-12 | 13-14                              | 15-16  | 17-18  | 19-20  | 21-22  | 23-24  | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 74/ 73       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        | 2.0   |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 72/ 71       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        | 2.0   |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 68/ 67       |                                     |            |     |          |            |          |       |                                    |        |        |        |        | 5.3    | 2.0   |       |       |      | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 66/ 65       |                                     |            |     |          |            |          |       |                                    |        |        |        | 5.3    | 2.0    |       |       |       |      | 3         | 3        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 64/ 63       |                                     |            |     |          |            |          |       |                                    |        |        | 2.0    |        | 2.0    |       |       |       |      | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 62/ 61       |                                     |            |     |          |            |          |       |                                    |        | 2.0    | 10.3   |        | 2.0    |       |       |       |      | 6         | 6        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 60/ 59       |                                     |            |     |          |            |          |       |                                    |        | 5.3    |        |        |        |       |       |       |      | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 58/ 57       |                                     |            |     |          |            |          |       |                                    |        | 5.3    |        |        |        |       |       |       |      | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 55       |                                     |            |     |          |            |          | 5.3   |                                    |        | 7.9    | 2.0    |        |        |       |       |       |      | 6         | 6        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     |            |     |          |            | 2.0      | 5.3   |                                    |        |        | 2.0    |        |        |       |       |       |      | 4         | 4        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       |                                     |            |     |          |            |          |       |                                    | 2.0    |        |        |        |        |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       |                                     |            |     |          | 2.0        |          |       |                                    |        |        |        |        |        |       |       |       |      | 1         | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     |            |     | 2.0      |            |          |       |                                    |        |        |        |        |        |       |       |       |      | 1         | 1        | 3        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          | 6        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          | 7        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     |            |     |          |            | 2.0      |       |                                    |        |        |        |        |        |       |       |       |      | 1         | 1        | 8        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          | 3        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       |                                     | 2.0        |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      | 1         | 1        | 1        | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       |                                     | 5.3        |     | 2.0      |            |          |       |                                    |        |        |        |        |        |       |       |       |      | 3         | 3        | 3        | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       |                                     |            |     | 2.0      |            |          |       |                                    |        |        |        |        |        |       |       |       |      | 1         | 1        | 2        | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          | 1        | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 6         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 6         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 6/ 5         |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 2/ 1         |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 0/ 0         |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Element (X)  | $\Sigma x^2$                        | $\Sigma x$ |     | $\Sigma$ | $\sigma_n$ | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Rel. Hum.    |                                     |            |     |          |            |          |       | ≤ 6 F                              | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dry Bulb     |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Wet Bulb     |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dew Point    |                                     |            |     |          |            |          |       |                                    |        |        |        |        |        |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

93061

STALLION SITE NM

64-68, 71, 73

NAME

PAGE 2 1500-2000  
HOURS (L S T)

[illegible]

3

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

93061  
STATIONSTALLION SIE NM  
STATION NAME

66-68, 71, 72

YEARS

MAR  
MONTHPAGE 1 2100-2300  
HOURS U. S. T.

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |    |    | TOTAL |   |
|--------------|-------------------------------------|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|----|----|-------|---|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |    |    |       |   |
| 60/ 59       |                                     |     |     |     |      |      |       |       |       |       | 3.7   | 3.7   |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       | 2  | 2  |       |   |
| 58/ 57       |                                     |     |     |     |      |      |       |       |       |       | 7.4   | 3.7   | 3.7   |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       | 4  | 4  |       |   |
| 56/ 55       |                                     |     |     |     |      |      |       |       |       |       |       | 3.7   |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       | 1  | 1  |       |   |
| 54/ 53       |                                     |     |     |     |      |      |       |       |       |       | 7.4   | 3.7   | 3.7   |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       | 4  | 4  |       |   |
| 52/ 51       |                                     |     |     |     |      |      |       |       |       |       | 3.7   | 3.7   |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       | 2  | 2  |       |   |
| 50/ 49       |                                     |     |     |     |      |      |       |       |       |       | 14.8  |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       | 4  | 4  |       |   |
| 48/ 47       |                                     |     |     |     |      |      |       |       |       |       | 3.7   | 3.7   | 3.7   |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       | 3  | 3  |       |   |
| 46/ 45       |                                     |     |     |     |      |      |       |       |       |       | 3.7   |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    | 1  | 1     |   |
| 42/ 41       |                                     |     |     |     |      |      |       |       |       |       | 3.7   |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    | 1  | 4     |   |
| 40/ 39       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    |    | 3     | 5 |
| 38/ 37       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    |    | 9     |   |
| 36/ 35       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    | 1  | 2     |   |
| 34/ 33       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    | 1  | 2     |   |
| 32/ 31       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    | 2  | 2     |   |
| 30/ 29       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    | 1  | 1     |   |
| 28/ 27       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    |    |       |   |
| 26/ 25       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    |    | 3     |   |
| 20/ 19       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    |    |       |   |
| 18/ 17       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    |    |       |   |
| 16/ 15       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    |    |       |   |
| 14/ 13       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    |    |       |   |
| 12/ 11       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    |    |       |   |
| 8/ 7         |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    |    |       |   |
| 0/ -1        |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |    |    |       |   |
| TOTAL        |                                     |     | 7.4 |     | 11.1 | 3.7  | 7.4   | 3.7   | 29.0  | 14.8  | 14.8  | 7.4   |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       | 27 | 27 | 27    |   |

| Element (X) | Σ X'  | Σ X  | Σ          | C <sub>n</sub> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|-------|------|------------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 40021 | 897  | 33,819,827 |                | 27       | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |       |
| Dry Bulb    | 65761 | 1211 | 48,648,997 |                | 27       |                                    | 10.8   |        |        |        |        | 93    |
| Wet Bulb    | 25748 | 578  | 26,148,848 |                | 27       |                                    | 17.8   |        |        |        |        | 93    |
| Dew Point   | 4527  | 473  | 17,888,908 |                | 27       | 3.4                                | 23.0   |        |        |        |        | 93    |

FORM 0-26-5 (O. A.) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JAN 64  
USAFETAC

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature |             |             |             |             |             | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum.   | 4002         | 897        | 33.8      | 19.8       | 27       | $\leq 0 F$                         | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | 93    |
| Dry Bulb    | 6576         | 1211       | 44.9      | 8.99       | 27       |                                    | 10.8        |             |             |             |             | 93    |
| Wet Bulb    | 2576         | 273        | 10.1      | 4.34       | 27       |                                    | 17.8        |             |             |             |             | 93    |
| Dew Point   | 932          | 473        | 17.5      | 6.90       | 27       | 3.4                                | 93.0        |             |             |             |             | 93    |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061 STALLION SITE NM  
STATION STATION NAME

70

YEARS

APR  
MONTH

PAGE 1 0000-0200  
HOURS L. S. T.

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     |     |     |     |     |      |       | 50.0  |       |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |     |     |     |     |      | 50.0  |       |       |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        |                                     |     |     |     |     |      | 50.0  | 50.0  |       |       |       |       |       |       |       |       |      | 2         | 2        | 2        | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | Σ x' | Σ x | x    | x <sub>n</sub> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|------|-----|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
|             |      |     |      |                |          | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |       |
| Rel. Hum.   | 1200 | 90  | 28.0 |                | 2        |                                    |        |        |        |        |        | 90    |
| Dry Bulb    | 2010 | 80  | 42.5 |                | 2        |                                    |        |        |        |        |        | 90    |
| Wet Bulb    | 1100 | 60  | 30.0 |                | 2        |                                    | 50.0   |        |        |        |        | 90    |
| Dew Point   | 170  | 10  | 9.0  |                | 2        |                                    | 50.0   |        |        |        |        | 90    |

USAFETAC FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**APR**

**MONTH**

**Q300-0500**

HOURS: 11:30 A.M. - 5:00 P.M.

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2  | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 55       |                                     |      |     |     |     |      |       |       | 3.2   |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     |      |     |     |     |      |       |       | 9.7   |       |       |       |       |       |       |       |      | 3         | 3        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       |                                     |      |     |     |     |      |       |       | 3.2   |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       |                                     |      |     |     |     |      |       |       | 2.2   |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       |                                     |      |     |     |     |      |       |       | 9.7   |       |       |       |       |       |       |       |      | 4         | 4        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     |      | 3.2 |     |     |      |       |       | 3.2   | 6.5   |       |       |       |       |       |       |      | 4         | 4        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     |      |     |     | 3.2 | 3.2  | 3.2   |       |       |       |       |       |       |       |       |       |      | 3         | 3        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |      |     | 2.2 |     |      |       | 6.5   |       |       |       |       |       |       |       |       |      | 3         | 3        | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     |      |     |     |     |      |       | 9.7   |       |       |       |       |       |       |       |       |      | 3         | 3        | 2        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       |                                     |      | 6.5 |     | 3.2 | 3.2  | 3.2   |       |       |       |       |       |       |       |       |       |      | 5         | 5        | 5        | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       |                                     |      |     | 3.2 |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 5        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 4        | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       |                                     |      | 6.5 |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2         | 2        | 5        | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 6        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 3        | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 5         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 4         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 6/ 5         |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         |                                     |      |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        |                                     | 12.9 | 6.5 | 6.5 | 6.5 | 6.5  | 6.5   | 22.9  | 12.9  |       |       |       |       |       |       |       |      | 31        | 31       | 31       | 31        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

**0600-0800**  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |    |    |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--------------------|-------|----|----|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 70/69        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2        | 2        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 68/67        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4        | 4        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 66/65        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4        | 4        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 64/63        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 15       | 16       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 62/61        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 22       | 23       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 60/59        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 24       | 24       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 58/57        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 32       | 32       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 56/55        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 38       | 38       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       | 1  |    |
| 54/53        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 38       | 38       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       | 2  |    |
| 52/51        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 47       | 47       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       | 4  |    |
| 50/49        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 41       | 41       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       | 2  |    |
| 48/47        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 35       | 35       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       | 1  |    |
| 46/45        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 30       | 30       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       | 4  |    |
| 44/43        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 23       | 23       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       | 6  |    |
| 42/41        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 24       | 24       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       | 6  |    |
| 40/39        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 12       | 12       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       | 11 |    |
| 38/37        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 13       | 13       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       | 14 |    |
| 36/35        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 7        | 7        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       | 12 |    |
| 34/33        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2        | 2        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       | 24 |    |
| 32/31        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    | 24 |
| 30/29        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    | 30 |
| 28/27        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    | 21 |
| 26/25        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    | 26 |
| 24/23        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    | 33 |
| 22/21        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |    |    |



## PSYCHROMETRIC SUMMARY

**93061**  
STATION

STALLION SITE NM

**61-73**

APR

**PAGE 2**

**0600-0800**  
HOURS (L S T)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 2/ 1         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 0/ -1        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| -2/ -3       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| TOTAL        |                                     | 2.4 | 3.4 | 7.5 | 9.9 | 12.2 | 20.3  | 17.2  | 12.6  | 8.2   | 3.4   | 1.7   | .5    | .5    |       |       |      | 413       | 415      | 413      |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |

## PSYCHROMETRIC SUMMARY

YEARS

APR  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 80/85        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 82/81        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 80/79        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 4        | 4        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 78/77        |                                     |     |     |     |     |      |       |       |       |       |       |       |       | .1    | .1    | .1    | .1   | 11       | 11       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 76/75        |                                     |     |     |     |     |      |       |       |       | .2    |       |       | .7    | .2    | .6    | .2    |      | 16       | 16       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 74/73        |                                     |     |     |     |     |      |       |       |       | .1    | .2    | .7    | .4    | .9    | .3    | .2    |      | 23       | 25       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 72/71        |                                     |     |     |     |     |      |       |       |       | .1    | .2    | 1.1   | 1.2   | 1.6   | .1    |       |      | 35       | 36       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 70/69        |                                     |     |     |     |     |      |       |       |       | .2    | 1.0   | 1.7   | 1.0   | 1.2   | .1    |       |      | 44       | 44       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 68/67        |                                     |     |     |     |     | .1   | .1    | .1    | 1.5   | 2.7   | 2.2   | 1.7   | .4    | .1    |       |       |      | 73       | 73       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 66/65        |                                     |     |     |     |     | .2   | .2    | 1.0   | 1.2   | 2.5   | 2.6   | 1.1   | .1    |       |       |       |      | 73       | 73       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 64/63        |                                     |     |     |     | .2  | .1   | .7    | 3.1   | 3.1   | 3.4   | 2.7   | .8    |       |       |       |       |      | 113      | 113      |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 62/61        |                                     |     |     |     | .1  | .1   | 1.1   | 1.6   | 2.3   | 2.0   | 1.1   | .1    |       |       |       |       |      | 64       | 64       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 60/59        |                                     |     |     |     | .4  | .4   | 1.4   | 1.0   | 1.6   | 3.6   | 1.8   |       |       |       |       |       |      | 86       | 86       |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 58/57        |                                     |     |     |     | .3  | .2   | 1.2   | 1.0   | 1.0   | 1.7   | .9    |       |       |       |       |       |      | 47       | 47       | 2         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 56/55        |                                     |     | .4  | .1  | .4  | .7   | .8    | 1.4   | 2.3   | 1.3   | .1    |       |       |       |       |       |      | 60       | 60       | 6         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 54/53        |                                     |     | .8  | .5  | .6  | .4   | .8    | 1.2   | .8    | .6    | .1    |       |       |       |       |       |      | 36       | 36       | 13        |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 52/51        |                                     |     | .5  | .3  | .4  | .1   | 1.0   | 1.4   | .4    | .2    |       |       |       |       |       |       |      | 32       | 32       | 30        |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 50/49        |                                     |     | .2  | .2  | .4  | .4   | 1.0   | .9    | .6    |       |       |       |       |       |       |       |      | 33       | 33       | 92        |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 48/47        |                                     |     |     |     | .6  | .9   | 1.3   | .9    | .4    |       |       |       |       |       |       |       |      | 15       | 15       | 110       |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 46/45        |                                     |     |     | .6  | .6  | .6   | 1.0   | .3    | .4    |       |       |       |       |       |       |       |      | 25       | 25       | 122       |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 44/43        |                                     | .1  | .4  | .4  | .3  | .3   | .2    |       |       |       |       |       |       |       |       |       |      | 10       | 10       | 124       |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 42/41        |                                     | .1  | .1  | .9  | .1  | .1   |       |       |       |       |       |       |       |       |       |       |      | 7        | 7        | 117       |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 40/39        |                                     |     |     |     |     | .1   |       |       |       |       |       |       |       |       |       |       |      | 1        | 1        | 80        |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 38/37        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 47        |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 36/35        | .1                                  | .1  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2        | 2        | 40        |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 34/33        | .1                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1        | 1        | 17        |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 32/31        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 3         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 30/29        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 28/27        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 26/25        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 24/23        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 22/21        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 20/19        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 18/17        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| Element (X)  | $\Sigma X'$                         |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061 STALLION SITE NM  
STATION STATION NAME

01-73

YEARS

APR  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | TOTAL<br>D.B./W.B. | TOTAL    |          |           |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------------------|----------|----------|-----------|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 |                    | Dry Bulb | Wet Bulb | Dew Point |
| 10/ 13       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 40        |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 39        |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 49        |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 20        |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 12        |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 18        |
| 4/ 3         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 14        |
| 2/ 1         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 5         |
| 0/ -1        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 3         |
| -2/ -3       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 1         |
| -4/ -5       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 1         |
| -6/ -7       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 1         |
| -8/ -9       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 1         |
| -10/ -11     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 1         |
| -12/ -13     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |          | 1         |
| TOTAL        | .2                                  | .4  | .7  | 2.3 | 2.7 | 5.0  | 8.0   | 9.7   | 12.2  | 10.2  | 14.9  | 12.7  | 7.0   | 4.9   | 2.0   | .6    | .4   | 813                | 816      | 813      |           |

| Element (X) | Σ X <sup>2</sup> | Σ X  | N  | Σ X <sup>2</sup> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        | Total  |
|-------------|------------------|------|----|------------------|----------|------------------------------------|--------|--------|--------|--------|--------|
| Rel. Hum.   | 70000            | 2100 | 10 | 44100            | 813      | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |
| Dry Bulb    | 110700           | 4970 | 10 | 24700            | 813      |                                    |        | 22.8   | 6.4    | 9.6    |        |
| Wet Bulb    | 101100           | 4700 | 10 | 22100            | 813      |                                    |        |        |        |        |        |
| Dew Point   | 51100            | 1710 | 10 | 29100            | 813      |                                    | 7.4    |        |        |        |        |

USAFETAC FORM 44 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**YEARS**

APR  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .2   | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 78/ 77       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 76/ 75       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 74/ 73       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 68/ 67       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 66/ 65       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 64/ 63       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 62/ 61       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 26/ 25       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 18/ 17       | </                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |  |  |

## PSYCHROMETRIC SUMMARY

YEARS

**APR**  
**MONTH**

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

**APR**  
**MONTH**

HOURS (L, S, T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | Dry Bulb | Wet Bulb | Dew Point |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .2       | 1        | 1         |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .2       | 1        | 1         |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .4       | 2        | 2         |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | .2    | .2    | 1.0  | 2.2      | 19       | 19        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | .2    | .4    | 1.0  | .6       | 12       | 12        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | .6    | 1.2   | 1.2  | .4       | 17       | 18        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 78/ 77       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | 1.2   | 2.7   | 2.2  | .2       | 32       | 32        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 76/ 75       |                                     |     |     |     |     |      |       |       |       | .2    | .2    | .4    |       | 1.2   | 1.9   | 2.7   | 1.2  | .2       | 29       | 40        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 74/ 73       |                                     |     |     |     |     |      |       |       |       | .2    |       | .6    |       | 2.4   | 3.0   | 3.2   | .4   |          | 56       | 57        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       |       |       | .6    | 1.2   | 2.1   | 3.0   | 3.1   |      |          | 64       | 62        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       |       |       |       | .2    | 1.2   | 3.0   | 3.0   | 2.2   | .2   |          | 59       | 59        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 68/ 67       |                                     |     |     |     |     |      | .2    | .2    | .2    | 1.7   |       | 2.7   |       | 1.2   | 1.0   |       |      |          | 43       | 44        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 66/ 65       |                                     |     |     |     |     |      |       |       |       | 1.2   |       | 1.2   |       | 1.2   |       | .4    |      |          | 20       | 20        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 64/ 63       |                                     |     |     |     |     |      |       |       |       | .4    |       | .6    |       | 1.2   |       |       |      |          | 22       | 22        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 62/ 61       |                                     |     |     |     |     |      | .2    |       | .4    | .4    | 1.2   | 1.2   |       | 1.7   |       | .4    |      |          | 30       | 30        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       | .6    | .6    | 2.1   | .4    |       | .2    |       |       |      |          | 19       | 19        |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 58/ 57       |                                     |     |     |     |     |      | .2    | .2    | .2    | .2    | .2    | .2    |       | .2    |       |       |      |          | 6        | 6         | 2   |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 56/ 55       |                                     |     |     | .4  | .2  | .2   | .2    | .2    | .2    | .2    | .2    | .2    |       | .2    |       |       |      |          | 9        | 9         | 7   |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 54/ 53       |                                     | .2  | .2  | .2  | .2  | .2   | .2    | .2    | .2    | .2    | .2    | .2    |       | .2    |       |       |      |          | 7        | 7         | 19  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 52/ 51       |                                     |     | .2  | .2  | .2  | .2   | .2    | .2    | .2    | .2    | .2    | .2    |       | .2    |       |       |      |          | 9        | 9         | 44  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 50/ 49       |                                     |     |     | .2  | .2  | .2   | .2    | .2    | .2    | .2    | .2    | .2    |       | .2    |       |       |      |          | 9        | 9         | 87  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 48/ 47       |                                     |     | .2  | .2  | .2  | .2   | .2    | .2    | .2    | .2    | .2    | .2    |       | .2    |       |       |      |          | 2        | 2         | 86  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 46/ 45       |                                     |     |     | .2  | .2  | .2   | .2    | .2    | .2    | .2    | .2    | .2    |       | .2    |       |       |      |          | 3        | 3         | 102 |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 44/ 43       |                                     |     |     | .2  | .2  | .2   | .2    | .2    | .2    | .2    | .2    | .2    |       | .2    |       |       |      |          | 1        | 1         | 51  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 42/ 41       |                                     |     | .2  | .2  | .2  | .2   | .2    | .2    | .2    | .2    | .2    | .2    |       | .2    |       |       |      |          | 2        | 2         | 36  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 40/ 39       |                                     |     |     | .2  | .2  | .2   | .2    | .2    | .2    | .2    | .2    | .2    |       | .2    |       |       |      |          |          |           | 27  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 3   |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 6   |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 34/ 33       | .2                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          | 1        | 1         | 2   |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 20  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 22  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 26/ 25       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |

## PSYCHROMETRIC SUMMARY

**APR**  
**MONTH**

PAGE 2 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          |           | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|--------|-----------|----------|----------|-----------|-------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 22                            | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |  |
| 22 / 21      |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 40        |       |       |  |  |
| 20 / 19      |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 30        |       |       |  |  |
| 18 / 17      |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 42        |       |       |  |  |
| 16 / 15      |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 36        |       |       |  |  |
| 14 / 13      |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 29        |       |       |  |  |
| 12 / 11      |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 19        |       |       |  |  |
| 10 / 9       |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 23        |       |       |  |  |
| 8 / 7        |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 16        |       |       |  |  |
| 6 / 5        |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 14        |       |       |  |  |
| 4 / 3        |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 11        |       |       |  |  |
| 2 / 1        |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 14        |       |       |  |  |
| 0 / -1       |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 8         |       |       |  |  |
| -2 / -3      |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 6         |       |       |  |  |
| -4 / -5      |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 6         |       |       |  |  |
| -6 / -7      |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 4         |       |       |  |  |
| -8 / -9      |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 4         |       |       |  |  |
| -10 / -11    |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 2         |       |       |  |  |
| -12 / -13    |                                     |       |       |       |       |        |         |         |         |          |         |                                    |         |         |         |         |        |           |          |          | 1         |       |       |  |  |
| TOTAL        | .2                                  | .2    | .6    | 1.2   | .6    | 1.7    | 1.8     | 2.2     | 2.3     | 2.3      | 2.3     | 9.4                                | 11.7    | 16.1    | 16.7    | 14.0    | 7.7    | 4.8       |          | 478      | 478       | 478   |       |  |  |
| Element (K)  | Σ H <sup>2</sup>                    |       | Σ H   |       | Σ     | Σ      |         | Σ       |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |        |           |          |          |           |       |       |  |  |
| Rel. Hum.    | 11.2                                |       | 11.2  |       | 11.2  | 11.2   |         | 11.2    |         | 478      |         | ≤ 6 F                              | ≤ 32 F  | ≤ 67 F  | ≤ 73 F  | ≤ 80 F  | ≤ 93 F | Total     |          |          |           |       |       |  |  |
| Dry Bulb     | 11.2                                |       | 11.2  |       | 11.2  | 11.2   |         | 11.2    |         | 478      |         |                                    |         | 64.3    | 32.9    | 1.4     |        |           |          | 90       |           |       |       |  |  |
| Wet Bulb     | 11.2                                |       | 11.2  |       | 11.2  | 11.2   |         | 11.2    |         | 478      |         |                                    |         |         |         |         |        |           |          | 90       |           |       |       |  |  |
| Dew Point    | 11.2                                |       | 11.2  |       | 11.2  | 11.2   |         | 11.2    |         | 478      |         |                                    |         |         |         |         |        |           |          | 90       |           |       |       |  |  |

## PSYCHROMETRIC SUMMARY

YEARS

APR  
MONTH

**PAGE 1 1800-2000**  
HOURS (L.S.T.)

[illegible]



## PSYCHROMETRIC SUMMARY

APP

**PAGE 1**      **2100-2300**  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

     MAY       
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 66/ 63       |                                     |       |       |       |       | 10.0   |         |         |         |         |         |         |         |         |         |         |      | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 64/ 62       |                                     |       |       |       |       | 10.0   |         |         |         |         |         |         |         |         |         |         |      | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 62/ 61       |                                     |       |       |       | 10.0  |        |         |         |         |         |         |         |         |         |         |         |      | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 60/ 59       |                                     |       |       | 10.0  |       | 10.0   |         |         |         |         |         |         |         |         |         |         |      | 2        | 2        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 56/ 55       |                                     |       |       |       |       |        |         |         |         | 40.0    |         |         |         |         |         |         |      | 4        | 4        | 2         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 54/ 53       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 2         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 52/ 51       |                                     |       |       |       | 10.0  |        |         |         |         |         |         |         |         |         |         |         |      | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 50/ 49       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 48/ 47       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 2         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 46/ 43       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          | 1        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 40/ 39       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          | 1        | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 38/ 37       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          | 3        | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| TOTAL        |                                     |       |       | 10.0  | 20.0  | 30.0   |         |         |         | 40.0    |         |         |         |         |         |         |      | 10       | 10       | 10        |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |

| Element (X) | Σ x'  | Σ x | x    | x <sup>2</sup> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        |       |
|-------------|-------|-----|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 20812 | 404 | 40.4 | 16321.6        | 10       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb    | 24389 | 488 | 48.8 | 23814.4        | 10       |                                    |        |        |        |        |        | 93    |
| Wet Bulb    | 28104 | 464 | 46.4 | 21529.6        | 10       |                                    |        |        |        |        |        | 93    |
| Dew Point   | 18719 | 368 | 36.8 | 13542.4        | 10       |                                    | 37.8   |        |        |        |        | 93    |







## PSYCHROMETRIC SUMMARY

YEARS

MAY  
MONTH

PAGE 1 0700-1100  
HOURS U. S. T.

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |       |  |       |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       | .1    |      | 1         | 1        |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | .4    | .2    |      | 15        | 15       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |       |       |       |       |       | .4    | .5    | .7    | .4   | 20        | 20       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |       |       |       | .5    | .7    | .7    | 1.5   | .2    | .2   | 40        | 40       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       |       | .5    | .7    | .8    | 1.0   | 2.1   | 1.2   | .2   | 54        | 54       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 78/ 77       |                                     |     |     |     |     |      |       |       | .1    | .4    | 1.2   | 1.1   | 1.4   | 2.2   | 1.9   | .4    |      | 72        | 72       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 76/ 75       |                                     |     |     |     |     |      | .1    | .7    | 1.1   | 1.4   | 1.7   | 1.7   | 1.4   | 1.6   | 1.3   | .1    |      | 89        | 89       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 74/ 73       |                                     |     |     |     |     | .2   | .2    | 1.2   | 2.2   | 1.7   | 1.2   | 1.7   | 2.0   | .4    |       |       | 100  | 100       |          |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 72/ 71       |                                     |     |     |     | .2  | 1.2  | 1.6   | .7    | 1.6   | 2.1   | 1.2   | 1.2   | 1.2   | .1    |       |       | 74   | 74        |          |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 70/ 69       |                                     |     |     | .1  | .5  | 1.2  | 1.2   | 1.1   | 1.2   | 2.1   | 2.1   | .5    | .1    |       |       |       | 90   | 90        |          |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 68/ 67       |                                     |     | .3  | .4  | 1.1 | .7   | .7    | 1.4   | 1.0   | .8    | .4    |       |       |       |       |       | 65   | 65        |          |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 66/ 65       |                                     |     | .1  | .4  | .2  | 1.2  | .7    | 1.2   | 1.0   | .4    |       |       |       |       |       |       | 51   | 51        |          |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 64/ 63       |                                     |     | .4  | .5  | 1.0 | 1.1  | 1.4   | .4    | .4    | .2    | .2    |       |       |       |       |       | 52   | 52        |          |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 62/ 61       |                                     |     | .2  | .4  | .6  | .7   | .6    | .4    | .7    | .1    |       |       |       |       |       |       | 30   | 30        | 8        |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 60/ 59       |                                     |     | .1  | .3  | .7  | .4   | .4    | .2    | .2    |       |       |       |       |       |       |       | 23   | 23        | 42       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 58/ 57       |                                     |     | .1  | .1  | .2  | .1   | .1    | .1    | .4    |       |       |       |       |       |       |       | 9    | 9         | 63       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 55       |                                     | .1  | .1  | .2  | .4  | .1   | .2    | .1    | .2    |       |       |       |       |       |       |       | 13   | 13        | 109      |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     | .1  |     |     |     | .1   | .1    | .2    | .2    |       |       |       |       |       |       |       | 4    | 4         | 102      | 4        |           |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       |                                     | .4  |     |     | .1  |      | .1    |       |       |       |       |       |       |       |       |       | 5    | 5         | 99       | 8        |           |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       |                                     |     |     | .2  |     |      |       | .1    | .1    |       |       |       |       |       |       |       | 4    | 4         | 130      | 15       |           |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       | .2                                  | .2  |     |     |     |      |       | .1    | .1    |       |       |       |       |       |       |       | 6    | 6         | 110      | 30       |           |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     |     |     |     |     |      |       | .2    |       |       |       |       |       |       |       |       | 1    | 1         | 77       | 42       |           |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       | .1                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 1    | 1         | 38       | 50       |           |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 23       | 47       |           |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 14       | 34       |           |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 7        | 47       |           |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 4        | 41       |           |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 1        | 47       |           |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 2        | 49       |           |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 1        | 44       |           |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 43       |           |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 55       |           |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 49       |           |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |       |  |       |  |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

92061 STALLION SITE NM

01-72

MAY  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

| Temp.<br>(F)                       | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       | TOTAL     | TOTAL    |          |           |  |
|------------------------------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-----------|----------|----------|-----------|--|
|                                    | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 20/ 19                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 37        |  |
| 18/ 17                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 37        |  |
| 16/ 15                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 29        |  |
| 14/ 13                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 17        |  |
| 12/ 11                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 16        |  |
| 10/ 9                              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 17        |  |
| 8/ 7                               |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 7         |  |
| 6/ 5                               |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 4         |  |
| 4/ 3                               |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 4         |  |
| 2/ 1                               |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 4         |  |
| 0/ -1                              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 3         |  |
| -2/ -3                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 1         |  |
| -4/ -5                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 1         |  |
| -6/ -7                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 1         |  |
| -8/ -9                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 1         |  |
| -10/-11                            |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          | 1         |  |
| TOTAL                              |                                     | .4    | .6    | .2    | .5    | 1.6    | 4.2     | 6.8     | 9.9     | 11.6    | 12.5    | 12.5    | 12.2    | 9.7     | 3.8     | 1.5     |       | 829       | 829      | 829      | 829       |  |
| Element (X)                        | Σ                                   |       | Σ     |       | Σ     |        | Σ       |         | Σ       |         | Σ       |         | Σ       |         | Σ       |         | Σ     |           | Σ        |          | Σ         |  |
| Rel. Hum.                          | 64.4                                |       | 101.6 |       | 101.6 |        | 101.6   |         | 101.6   |         | 101.6   |         | 101.6   |         | 101.6   |         | 101.6 |           | 101.6    |          | 101.6     |  |
| Dry Bulb                           | 42.4                                |       | 42.4  |       | 42.4  |        | 42.4    |         | 42.4    |         | 42.4    |         | 42.4    |         | 42.4    |         | 42.4  |           | 42.4     |          | 42.4      |  |
| Wet Bulb                           | 41.9                                |       | 41.9  |       | 41.9  |        | 41.9    |         | 41.9    |         | 41.9    |         | 41.9    |         | 41.9    |         | 41.9  |           | 41.9     |          | 41.9      |  |
| Dew Point                          | 41.9                                |       | 41.9  |       | 41.9  |        | 41.9    |         | 41.9    |         | 41.9    |         | 41.9    |         | 41.9    |         | 41.9  |           | 41.9     |          | 41.9      |  |
| No. Obs.                           | 829                                 |       | 829   |       | 829   |        | 829     |         | 829     |         | 829     |         | 829     |         | 829     |         | 829   |           | 829      |          | 829       |  |
| Mean No. of Hours with Temperature | Σ                                   |       | Σ     |       | Σ     |        | Σ       |         | Σ       |         | Σ       |         | Σ       |         | Σ       |         | Σ     |           | Σ        |          | Σ         |  |
| ≥ 0 F                              | 70.6                                |       | 44.8  |       | 10.6  |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          |           |  |
| ≥ 32 F                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          |           |  |
| ≥ 67 F                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          |           |  |
| ≥ 73 F                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          |           |  |
| ≥ 80 F                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          |           |  |
| ≥ 93 F                             |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |       |           |          |          |           |  |
| Total                              | 93                                  |       | 93    |       | 93    |        | 93      |         | 93      |         | 93      |         | 93      |         | 93      |         | 93    |           | 93       |          | 93        |  |

USAFETAC FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061 STALLION SITE NM  
STATION STATION NAME

01-73

YEARS

MAY  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | TOTAL<br>D.B./W.B. | TOTAL |     |     |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----------|----------|-----------|-----|--------------------|-------|-----|-----|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | Dry Bulb | Wet Bulb | Dew Point |     |                    |       |     |     |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 1                  | 1     |     |     |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 9                  | 9     |     |     |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 20                 | 20    |     |     |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 21                 | 21    |     |     |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 68                 | 68    |     |     |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 82                 | 82    |     |     |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 107                | 107   |     |     |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 98                 | 98    |     |     |  |
| 78/ 77       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 94                 | 94    |     |     |  |
| 76/ 75       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 66                 | 66    |     |     |  |
| 74/ 73       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 62                 | 62    |     |     |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 49                 | 49    |     |     |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 39                 | 39    |     |     |  |
| 68/ 67       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 27                 | 27    |     | 1   |  |
| 66/ 65       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 19                 | 19    |     |     |  |
| 64/ 63       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 13                 | 13    |     | 1   |  |
| 62/ 61       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 7                  | 9     | 20  |     |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 4                  | 4     | 67  |     |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 3                  | 4     | 96  | 2   |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 1                  | 2     | 123 |     |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 1                  | 2     | 153 | 2   |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 3                  | 3     | 102 | 3   |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 2                  | 2     | 122 | 7   |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       | 91  | 11  |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     | 3                  | 3     | 35  | 21  |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       | 19  | 24  |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       | 11  | 32  |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       | 8   | 32  |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       |     | 36  |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       |     | 24  |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       |     | 60  |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       |     | 33  |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       |     | 40  |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       |     | 20  |  |
| Element (X)  | Σ X                                 |     | Σ X |     | Σ X |      | Σ X   |       | Σ X   |       | Σ X   |       | Σ X   |       | Σ X   |       | Σ X |          | Σ X      |           | Σ X |                    | Σ X   |     | Σ X |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       |     |     |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       |     |     |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       |     |     |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |          |          |           |     |                    |       |     |     |  |

USAFETAC FORM 0-26-5 (O.L.A.) REVERSED EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

61-73

MAY

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**MAY**  
**MONTH**

HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |       |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 29        |       |  |       |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 20        |       |  |       |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 20        |       |  |       |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 11        |       |  |       |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 16        |       |  |       |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 14        |       |  |       |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 13        |       |  |       |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 7         |       |  |       |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 8         |       |  |       |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 4         |       |  |       |  |
| 4/ 3         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 4         |       |  |       |  |
| 2/ 1         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 4         |       |  |       |  |
| 0/ -1        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |       |  |       |  |
| -2/ -2       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |       |  |       |  |
| -4/ -3       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |       |  |       |  |
| -6/ -7       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |       |  |       |  |
| -8/ -11      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |       |  |       |  |
| TOTAL        |                                     |     |     | .6  | .9  | 1.1  | 1.7   |       | 1.4   | 2.5   | 2.0   | 2.5   | 12.4  | 12.1  | 10.1  | 15.7  | 24.2 |           | 303      | 303      | 303       |       |  |       |  |

## PSYCHROMETRIC SUMMARY

YEARS

MAY  
MONTH

**PAGE 1**      **1800-2000**  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

**93061**  
**STATION**

STALLION SITE NM

63-69, 73

**MAY**  
**MONTH**

**PAGE 2     1800-2000**

**HOURS (L - S - T)**

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION 92061 STATION NAME STALLION SITE NM

63,65-68

YEARS

MONTH MAY

PAGE 1 2100-2300  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    | TOTAL<br>D.B./W.B. | TOTAL |    |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------------------------|--|--|----|--------------------|-------|----|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb Wet Bulb Dew Point |  |  |    |                    |       |    |  |
| 68/ 67       |                                     |     |     |     |     |      |       | 4.3   |       |       |       |       |       | 4.3   |       |       |     | 2                           |  |  | 2  |                    |       |    |  |
| 68/ 65       |                                     |     |     |     |     |      | 4.3   |       |       |       |       |       |       | 4.3   |       |       |     | 2                           |  |  | 2  |                    |       |    |  |
| 64/ 63       |                                     |     |     |     |     |      | 4.3   | 4.3   | 4.3   |       |       | 8.7   | 8.7   |       |       |       |     | 7                           |  |  | 7  |                    |       |    |  |
| 62/ 61       |                                     |     |     |     |     |      | 12.0  |       |       |       |       |       |       |       |       |       |     | 3                           |  |  | 3  |                    |       |    |  |
| 60/ 59       |                                     |     |     |     |     | 4.3  |       |       | 4.3   |       |       | 4.3   |       |       |       |       |     | 3                           |  |  | 3  |                    |       |    |  |
| 58/ 57       |                                     |     |     |     | 4.3 |      |       |       | 4.3   |       | 4.3   |       |       |       |       |       |     | 3                           |  |  | 3  |                    |       |    |  |
| 56/ 55       |                                     |     |     | 4.3 | 4.3 |      |       |       |       |       |       |       |       |       |       |       |     | 2                           |  |  | 2  |                    |       |    |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    | 2     |    |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    | 2     |    |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    | 8     |    |  |
| 48/ 47       |                                     |     |     |     | 4.3 |      |       |       |       |       |       |       |       |       |       |       |     | 1                           |  |  | 1  |                    |       |    |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    | 1     | 1  |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    | 3     | 3  |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    | 3     | 3  |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 4  |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    | 2     | 1  |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 2  |  |
| 32/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 30/ 27       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 4  |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 26/ 23       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 4/ 3         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 2/ 1         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| 0/ 0         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                             |  |  |    |                    |       | 1  |  |
| TOTAL        |                                     |     |     |     | 8.7 | 8.7  | 4.3   | 21.7  | 17.4  | 4.3   |       | 4.3   | 13.0  | 13.0  | 4.3   |       |     | 23                          |  |  | 23 |                    |       | 23 |  |

| Element (X) | 2     | 2    | 2     | 2     | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|-------|------|-------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 20000 | 707  | 20000 | 20000 | 23       | < 67 F                             | < 72 F | > 67 F | > 72 F | > 80 F | > 93 F | 93    |
| Dry Bulb    | 20000 | 1000 | 20000 | 20000 | 23       |                                    |        | 8.3    |        |        |        | 93    |
| Wet Bulb    | 20000 | 1000 | 20000 | 20000 | 23       |                                    |        |        |        |        |        | 93    |
| Dew Point   | 20000 | 600  | 20000 | 20000 | 23       | 4.3                                | 6.3    |        |        |        |        | 93    |

USAFETAC FORM 44 0-26-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

92061  
STATION

STALLION SITE NM  
STATION NAME

64-67,69  
YEARS

YEARS

JUN  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       | TOTAL<br>D.B./W.B. | TOTAL |          |          |           |
|--------------|-------------------------------------|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|-------|----------|----------|-----------|
|              | 0                                   | 1-2 | 3-4 | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 |                    | ≥ 31  | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71       |                                     |     |     |      |      |      |       |       | 10.0  |       |       |       |       |       |       |       |                    | 1     | 1        |          |           |
| 70/ 69       |                                     |     |     |      |      |      |       |       |       |       | 10.0  |       |       |       |       |       |                    | 1     | 1        |          |           |
| 68/ 67       |                                     |     |     |      |      |      | 10.0  |       |       |       | 10.0  |       |       |       |       |       |                    | 2     | 2        |          |           |
| 66/ 65       |                                     |     |     |      |      |      |       |       |       | 10.0  |       |       |       |       |       |       |                    | 1     | 1        |          |           |
| 64/ 63       |                                     |     |     |      |      | 10.0 |       |       |       |       |       |       |       |       |       |       |                    | 1     | 1        |          |           |
| 62/ 59       |                                     |     |     | 30.0 | 10.0 |      |       |       |       |       |       |       |       |       |       |       |                    | 4     | 4        |          |           |
| 58/ 55       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |                    |       |          | 3        |           |
| 54/ 53       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |                    |       |          | 4        |           |
| 50/ 49       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |                    |       |          | 1        | 3         |
| 48/ 47       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |                    |       |          | 1        | 3         |
| 46/ 45       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |                    |       |          | 1        |           |
| 44/ 43       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |                    |       |          |          | 1         |
| 40/ 39       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |                    |       |          |          | 1         |
| 38/ 37       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |                    |       |          |          | 1         |
| 36/ 35       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |                    |       |          |          | 1         |
| 32/ 29       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |                    |       |          |          | 1         |
| 28/ 27       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |                    |       |          |          | 1         |
| 26/ 25       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |                    |       |          |          | 1         |
| TOTAL        |                                     |     |     | 30.0 | 10.0 | 10.0 | 10.0  |       | 10.0  |       | 20.0  | 10.0  |       |       |       |       |                    | 10    | 10       | 10       | 10        |

| Element (X) | Σ X | Σ X <sup>2</sup> | Σ X <sup>3</sup> | Σ X <sup>4</sup> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        | Total  |    |
|-------------|-----|------------------|------------------|------------------|----------|------------------------------------|--------|--------|--------|--------|--------|----|
|             |     |                  |                  |                  |          | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |    |
| Rel. Hum.   | 10  | 100              | 1000             | 10000            | 10       |                                    |        |        |        |        |        | 90 |
| Dry Bulb    | 10  | 100              | 1000             | 10000            | 10       |                                    |        | 30.0   |        |        |        | 90 |
| Wet Bulb    | 10  | 100              | 1000             | 10000            | 10       |                                    |        |        |        |        |        | 90 |
| Dew Point   | 10  | 100              | 1000             | 10000            | 10       |                                    | 27.4   |        |        |        |        | 90 |

USAFETAC FORM 0-26-5 (OLA) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

## PSYCHROMETRIC SUMMARY

**YEARS**

JUN  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|----|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |    |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 70/ 69       |                                     |     |     |     |      |      |       |       | 5.9   |       |       |       |       |       |       |       |      |          | 1        | 1         |    |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 68/ 67       |                                     |     |     |     |      |      |       |       | 5.9   |       |       |       |       |       |       |       |      |          | 1        | 1         |    |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 66/ 65       |                                     |     |     |     |      |      |       |       | 5.9   | 5.9   |       |       |       |       |       |       |      |          | 2        | 2         |    |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 64/ 63       |                                     |     |     |     |      | 5.9  |       |       | 5.9   | 5.9   |       |       |       |       |       |       |      |          | 3        | 3         |    |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 62/ 61       |                                     |     |     |     |      |      |       | 11.6  |       |       |       |       |       |       |       |       |      |          | 2        | 2         |    |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 58/ 57       |                                     | 5.9 |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          | 1        | 1         |    |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 56/ 55       |                                     | 5.9 |     |     | 5.9  |      | 5.9   |       |       |       |       |       |       |       |       |       |      |          | 3        | 3         | 1  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 54/ 53       |                                     | 5.9 |     |     | 5.9  |      | 5.9   |       |       |       |       |       |       |       |       |       |      |          | 3        | 3         | 3  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 52/ 51       |                                     |     |     |     |      |      | 5.9   |       |       |       |       |       |       |       |       |       |      |          | 1        | 1         | 1  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 50/ 49       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 1         | 1  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 48/ 47       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 5         |    |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 46/ 45       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 1         | 1  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 44/ 43       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 1         | 1  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 42/ 41       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 2         | 3  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 40/ 39       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 2  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 38/ 37       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 36/ 35       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 34/ 33       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 32/ 31       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 30/ 29       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 28/ 27       |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 2  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| TOTAL        | 17.6                                |     |     |     | 11.6 | 5.9  | 17.6  | 23.5  | 17.6  | 5.9   |       |       |       |       |       |       |      |          | 17       | 17        | 17 |  |  |  |  |  |  |  |  |  |                    |       |  |  |



## PSYCHROMETRIC SUMMARY

**YEARS**

PAGE 1 0600-0800  
HOURS L. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

JUN  
MONTH

PAGE 2 0600-0800  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | TOTAL    |          | TOTAL     |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 18/ 17       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 8         |  |
| 19/ 15       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 6         |  |
| 16/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 3         |  |
| 12/ 11       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |
| TOTAL        |                                     | 1.4   | 2.2   | 2.0   | 4.6   | 8.7    | 9.7     | 11.3    | 13.1    | 15.2    | 10.7    | 7.3     | 7.1     | 3.2     | 1.4     | .2      |      |           | 505      | 505      | 505       |  |

| Element (X) | Σ X'    | Σ X   | X̄   | s <sub>x</sub> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|---------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 912420  | 19982 | 38.5 | 17.429         | 505      | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |       |
| Dry Bulb    | 2400899 | 25111 | 69.5 | 6.239          | 505      |                                    |        | 61.9   | 30.1   | 3.7    |        | 90    |
| Wet Bulb    | 1490072 | 27301 | 54.1 | 5.216          | 505      |                                    |        |        |        |        |        | 90    |
| Dew Point   | 964166  | 20920 | 40.8 | 11.111         | 505      |                                    | 21.4   |        |        |        |        | 90    |

## PSYCHROMETRIC SUMMARY

**61-73**

**YEARS**

**JUN**  
**MONTH**

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**

## PSYCHROMETRIC SUMMARY

**61-73**

YEARS

JUN  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

YEARS

JUN  
MONTH

**1200-1400**

HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 102/101      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .1        | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 100/ 99      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .2        | 2        | 2        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 98/ 97       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .4        | 4        | 4        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 96/ 95       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .6        | 6        | 6        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .8        | 8        | 8        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1.0       | 10       | 10       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1.2       | 12       | 12       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1.4       | 14       | 14       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1.6       | 16       | 16       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1.8       | 18       | 18       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2.0       | 20       | 20       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2.2       | 22       | 22       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 78/ 77       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2.4       | 24       | 24       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 76/ 75       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2.6       | 26       | 26       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 74/ 73       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2.8       | 28       | 28       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 3.0       | 30       | 30       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 3.2       | 32       | 32       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 68/ 67       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 3.4       | 34       | 34       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 66/ 65       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 3.6       | 36       | 36       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 64/ 63       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 3.8       | 38       | 38       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 62/ 61       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4.0       | 40       | 40       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4.2       | 42       | 42       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4.4       | 44       | 44       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4.6       | 46       | 46       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4.8       | 48       | 48       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 5.0       | 50       | 50       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 5.2       | 52       | 52       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 5.4       | 54       | 54       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 5.6       | 56       | 56       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 5.8       | 58       | 58       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 6.0       | 60       | 60       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 6.2       | 62       | 62       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 6.4       | 64       | 64       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 6.6       | 66       | 66       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Element (X)  | Σ X'                                |     | Σ X |     | Σ   |      | Σ     |       | Σ     |       | Σ     |       | Σ     |       | Σ     |       | Σ    |           | Σ        |          | Σ         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

YEARS

**JUN**  
**MONTH**

PAGE 2 1200-1400

[illegible]

## PSYCHROMETRIC SUMMARY

**73061**  
STATION

STALLION SIRE NM

STATION NAME

61-73

YEARS

**JUN**  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

92061                      STALLION FIE NM  
STATION                      STATION NAME

61-73

YEARS

1159

**MONTH**

**PAGE 2**      **1500-1700**  
HOURS (L. S. T.)

HOURS (L, S, T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | TOTAL    | TOTAL    |           |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | + 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 34/ 33       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 25        |  |
| 32/ 31       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 22        |  |
| 30/ 29       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 18        |  |
| 28/ 27       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 22        |  |
| 26/ 25       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 25        |  |
| 24/ 23       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 21        |  |
| 22/ 21       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 14        |  |
| 20/ 19       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 12        |  |
| 18/ 17       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 7         |  |
| 16/ 15       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 9         |  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 8         |  |
| 12/ 11       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 4         |  |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| 4/ 3         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |
| 2/ 1         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |
| 0/ -1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| -10/-11      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |
| TOTAL        |                                     | 1.2   | .5    | 1.5   | .5    | 1.1    | 2.1     | .5      | 2.4     | 3.7     | 5.0     | 3.2     | 5.2     | 5.4     | 11.2    | 32.6    |      | 380       | 380      | 380      |           |  |

| Element (X) | $\Sigma x^1$ | $\Sigma x$ | $\Sigma$  | $\Sigma^2$ | No. Obs. | Mean No. of Hours with Temperature |                         |                         |                         |                         |                         | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------|
| Rel. Hum.   | 212056       | 7120       | 10.710000 | 280        |          | $\leq 0^\circ\text{F}$             | $\leq 32^\circ\text{F}$ | $\leq 67^\circ\text{F}$ | $\leq 73^\circ\text{F}$ | $\leq 80^\circ\text{F}$ | $\leq 93^\circ\text{F}$ |       |
| Dry Bulb    | 212056       | 22110      | 20.2      | 7.020      | 280      |                                    |                         | 80.5                    | 94.9                    | 78.2                    | 18.8                    | 90    |
| Wet Bulb    | 187501       | 22040      | 19.0      | 4.000      | 280      |                                    |                         | 1.2                     |                         |                         |                         | 90    |
| Dew Point   | 220500       | 12200      | 22.012000 | 280        |          | .7                                 | 60.7                    |                         |                         |                         |                         | 90    |



## PSYCHROMETRIC SUMMARY

YEARS

JUN  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061  
STATION

STALLION SITE NM  
STATION NAME

63-67,69-70  
YEARS

JUN  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  | TOTAL | TOTAL |  |  |  |  |  |  |    |    |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|-------|--|--|--|--|--|--|----|----|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    |    |
| 20/ 19       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    | 2  |
| 18/ 17       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    | 1  |
| 16/ 15       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    | 1  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    | 2  |
| 12/ 11       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    | 1  |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    | 1  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    | 1  |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    | 1  |
| 4/ 3         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    | 1  |
| 2/ 1         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    | 1  |
| 0/ 0         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    | 1  |
| TOTAL        |                                     |       |       |       |       | 4.0    | 2.0     | 4.0     | 4.0     | 2.0     | 4.0     |         | 4.0     | 4.0     | 4.0     | 20.0    | 14.0 | 28.0      |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  | 90 |    |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |       |       |  |  |  |  |  |  |    | 50 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\Sigma X^2$ | $\Sigma X$ | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|--------------|------------|--------------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 211.00       | 100.0      | 20.0         | 14.0       | 20       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |       |
| Dry Bulb    | 211.00       | 100.0      | 20.0         | 14.0       | 20       |                                    |        | 62.2   | 74.7   | 96.0   | 1.7    | 90    |
| Wet Bulb    | 211.00       | 100.0      | 20.0         | 14.0       | 20       |                                    |        |        |        |        |        | 90    |
| Dew Point   | 211.00       | 100.0      | 20.0         | 14.0       | 20       | 1.0                                | 22.2   |        |        |        |        | 90    |

USAF ETAC FORM 0-26-5 (OL A) REVERSED MIRROR EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**93061**  
STATION

STALLION SITE NM

63, 65-67, 69

**JUN**  
**MONTH**

PAGE 1 2100-2300  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

93061                      STALLION SITE NM  
STATION                      STATION NAME

64-67,69

YEARS

**JUL**  
MONTH

PAGE 1 ~~0000-0200~~  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

63-68

YEARS

**JUL**  
**MONTH**

PAGE 1 0300-0500  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 72/ 71       |                                     |     |      |      | 3.2  |      | 3.2   |       | 3.2   |       |       |       |       |       |       |       |      | 3         | 3        |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 70/ 69       |                                     |     | 6.5  | 3.2  | 3.2  | 3.2  | 3.2   |       |       |       |       |       |       |       |       |       |      | 6         | 6        |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 68/ 67       |                                     |     | 3.2  | 3.2  | 9.7  |      |       |       |       |       |       |       |       |       |       |       |      | 5         | 5        |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 66/ 65       |                                     | 3.2 | 19.4 | 6.5  | 3.2  | 3.2  | 3.2   |       |       |       |       |       |       |       |       |       |      | 12        | 12       | 2        |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 64/ 63       |                                     |     | 6.5  |      | 3.2  |      |       |       |       |       |       |       |       |       |       |       |      | 3         | 3        | 7        | 3         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 62/ 61       |                                     |     | 6.5  |      |      |      |       |       |       |       |       |       |       |       |       |       |      | 2         | 2        | 7        | 5         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 60/ 59       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 10       | 7         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 58/ 57       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 2        | 3         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 55       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 2        | 5         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 1        | 3         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        |                                     | 3.2 | 41.9 | 12.9 | 22.4 | 6.5  | 9.7   |       | 3.2   |       |       |       |       |       |       |       |      | 31        | 31       | 31       | 31        |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY:

93061                      STALLION SITE NM  
STATION                      STATION NAME

61-73

YEARS



MONTH

PAGE 1 ~~0600-0800~~  
HOURS (L. S. T.)



## PSYCHROMETRIC SUMMARY

61-73

YEARS



PAGE 2 ~~0900-1100~~





## PSYCHROMETRIC SUMMARY

YEARS



PAGE 2 1200-1400

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | TOTAL |  | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |       |  |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |  |       |  |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |  |       |  |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |  |       |  |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |  |       |  |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |  |       |  |  |
| TOTAL        | .1                                  | .2  | .1  | .6  | .5  | 1.4  | 1.5   | 3.4   | 4.5   | 6.3   | 8.5   | 11.1  | 13.5  | 15.9  | 10.6  | 7.8   | 11.3 | 799       | 799      | 799      |           |       |  |       |  |  |

## PSYCHROMETRIC SUMMARY

YEARS

**JUL**  
**MONTH**

PAGE 1 ~~1500-1700~~  
HOURS (L.S.T.)

## PSYCHROMETRIC SUMMARY

93061 STALLION SITE NM  
STATION STATION NAME

~~61-73~~

YEARS



MONTH

PAGE 2 ~~1500-1700~~  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | TOTAL    | TOTAL    |           |     |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-----|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |     |
| 34 / 33      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 5   |
| 32 / 31      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2   |
| 28 / 27      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2   |
| 22 / 21      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2   |
| TOTAL        | .3                                  |       | .5    | 1.1   | .6    | 1.6    | 1.3     | 2.6     | 2.4     | 6.3     | 5.5     | 8.2     | 11.6    | 14.0    | 14.2    | 10.0    | 19.5 |           |          | 379      |           | 379 |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 179       |          | 379      |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 98/ 97       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 5.3      | 2        | 2         |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## PSYCHROMETRIC SUMMARY

93061                      STALLION SITE NM  
STATION                      STATION NAME

63-65, 67-69, 73 YEARS

344  
MONTANA

PAGE 1 ~~2100-2300~~  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |       |       |       |       |       | 6.7   |       |       |      | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |       |       |       |       | 3.3   |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       | 3.3   |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 78/ 77       |                                     |     |     |     |     |      |       | 3.3   | 3.3   | 10.0  | 3.3   | 6.7   |       |       |       | 3.3   |      | 9         | 9        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 76/ 75       |                                     |     |     |     |     |      |       |       | 6.7   | 3.3   |       | 3.3   |       |       |       |       |      | 4         | 4        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 74/ 73       |                                     |     |     |     |     |      | 3.3   | 10.0  | 3.3   |       |       |       |       |       | 3.3   |       |      | 6         | 6        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 72/ 71       |                                     |     |     |     |     | 3.3  |       | 3.3   |       |       |       |       |       |       |       |       |      | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      | 6.7   |       |       |       |       |       |       |       |       |       |      | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 68/ 67       |                                     |     |     |     |     |      | 6.7   |       |       |       |       |       |       |       |       |       |      | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 66/ 65       |                                     |     |     |     |     |      |       |       |       |       | 3.3   |       |       |       |       |       |      | 1         | 1        |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 64/ 63       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 7         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 62/ 61       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 7         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 8         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 6         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 7         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 26/ 25       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| TOTAL        |                                     |     |     |     |     | 3.3  | 16.7  | 16.7  | 13.3  | 13.3  | 6.7   | 13.3  |       | 3.3   | 10.0  | 3.3   |      | 30        | 30       | 30       | 30        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |

| Element (X) | Σ <sub>1</sub> | Σ <sub>2</sub> | Σ          | C <sub>2</sub> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|----------------|----------------|------------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 00073          | 1344           | 00.015613  |                | 20       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |       |
| Dry Bulb    | 100000         | 1344           | 73.0 0.000 |                | 20       |                                    |        | 89.9   | 71.3   | 12.4   |        | 93    |
| Wet Bulb    | 100000         | 1344           | 73.0 0.000 |                | 20       |                                    |        |        |        |        |        | 93    |
| Dew Point   | 100000         | 1344           | 66.0 0.000 |                | 20       |                                    |        |        |        |        |        | 93    |

## PSYCHROMETRIC SUMMARY

YEARS

**AUG**  
MONTH

PAGE 1 ~~0000-0200~~  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-------|--|-------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |       |  |
| 76 / 75      |                                     |       |       |       |       |        |         |         |         |         |         | 5.0     |         |         |         |         |      | 1         | 1        |          |           |       |  |       |  |
| 72 / 71      |                                     |       |       |       |       |        | 5.0     |         |         |         |         |         |         |         |         |         |      | 1         | 1        |          |           |       |  |       |  |
| 70 / 69      |                                     |       | 5.0   |       |       | 5.0    | 5.0     |         |         |         |         |         |         |         |         |         |      | 3         | 3        |          |           |       |  |       |  |
| 68 / 67      |                                     |       | 5.0   | 5.0   |       |        |         | 5.0     | 5.0     |         |         |         |         |         |         |         |      | 4         | 4        |          |           |       |  |       |  |
| 66 / 65      |                                     |       |       |       |       | 5.0    | 5.0     |         |         |         |         |         |         |         |         |         |      | 2         | 2        | 1        |           |       |  |       |  |
| 64 / 63      |                                     |       | 5.0   |       | 10.0  |        |         |         |         |         |         |         |         |         |         |         |      | 3         | 3        | 2        | 1         |       |  |       |  |
| 62 / 61      |                                     | 5.0   | 5.0   | 5.0   |       |        |         |         |         |         |         |         |         |         |         |         |      | 3         | 3        | 2        | 2         |       |  |       |  |
| 60 / 59      |                                     | 5.0   |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 1         | 1        | 2        | 2         |       |  |       |  |
| 58 / 57      |                                     | 5.0   |       |       |       |        | 5.0     |         |         |         |         |         |         |         |         |         |      | 2         | 2        | 2        | 2         |       |  |       |  |
| 56 / 55      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | 4        | 1         |       |  |       |  |
| 54 / 53      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | 1        | 1         |       |  |       |  |
| 52 / 51      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | 2        | 5         |       |  |       |  |
| 50 / 49      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |       |  |       |  |
| 48 / 47      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | 1        | 1         |       |  |       |  |
| 46 / 45      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |       |  |       |  |
| 44 / 43      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 3         |       |  |       |  |
| TOTAL        | 19.0                                | 20.0  | 10.0  | 10.0  | 10.0  | 10.0   | 20.0    |         | 5.0     | 5.0     |         | 5.0     |         |         |         |         |      | 20        | 20       | 20       | 20        |       |  |       |  |

| Element (X) | Σ X' | Σ X | Σ   | Σ <sup>2</sup> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        |       |
|-------------|------|-----|-----|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 0.10 | 1.0 | 0.0 | 0.10           | 20       | ≥ 0 F                              | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb    | 0.00 | 1.0 | 0.0 | 0.00           | 20       |                                    |        | 0.10   | 4.0    |        |        | 93    |
| Wet Bulb    | 0.00 | 1.0 | 0.0 | 0.00           | 20       |                                    |        |        |        |        |        | 93    |
| Dew Point   | 0.00 | 1.0 | 0.0 | 0.00           | 20       |                                    |        |        |        |        |        | 93    |

## PSYCHROMETRIC SUMMARY

YEARS

**AUG**  
MONTH

PAGE 1 ~~0300-0500~~  
HOURS (L. S. T.)



## PSYCHROMETRIC SUMMARY

93061                      STALLION SITE NM  
STATION                      STATION NAME

**61-73**

YEARS

**AUG**  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

YEARS

**AUG**  
MONTH

PAGE 1 ~~0900-1100~~  
HOURS ( ) ( ) ( ) ( )

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | TOTAL     |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10     | 11-12                              | 13-14  | 15-16  | 17-18  | 19-20  | 21-22  | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |       |  |
| 94/ 93       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       | .1    |      | 1         | 1        |          |           |  |       |  |
| 92/ 91       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       | .1   | 2         | 2        |          |           |  |       |  |
| 90/ 89       |                                     |     |     |     |     |          |                                    |        |        |        |        | .1     | .2    | .3    |       | .3    | .1   | .1        | 11       | 11       |           |  |       |  |
| 88/ 87       |                                     |     |     |     |     |          |                                    |        |        |        |        | .7     | .7    | 1.4   |       | .1    | .6   | 30        | 30       |          |           |  |       |  |
| 86/ 85       |                                     |     |     |     |     |          |                                    |        | .1     | .7     | 1.6    | 2.0    | 1.6   | .7    |       | .7    |      | 64        | 64       |          |           |  |       |  |
| 84/ 83       |                                     |     |     |     |     |          |                                    | .1     | .5     | 1.4    | 4.0    | 2.3    | .9    | 1.0   | .2    |       |      | 90        | 90       |          |           |  |       |  |
| 82/ 81       |                                     |     |     |     |     |          | .1                                 | .2     | 2.3    | 4.7    | 3.3    | 3.0    | .5    | .3    |       |       |      | 124       | 124      |          |           |  |       |  |
| 80/ 79       |                                     |     |     |     |     | .1       | .1                                 | .1     | 2.9    | 4.3    | 3.7    | 1.6    | .5    | .2    | .1    |       |      | 118       | 118      |          |           |  |       |  |
| 78/ 77       |                                     |     |     |     | .1  | .2       | 2.4                                | 5.7    | 4.3    | 2.2    | .6     | .5     | .2    |       |       |       |      | 140       | 140      |          |           |  |       |  |
| 76/ 75       |                                     |     |     |     | .1  | .4       | 4.2                                | 3.7    | 1.5    | 1.0    | .3     |        |       |       |       |       |      | 99        | 99       |          |           |  |       |  |
| 74/ 73       |                                     |     |     | .1  | .7  | 2.2      | 3.5                                | .6     | 1.0    | .1     | .2     |        |       |       |       |       |      | 73        | 73       |          |           |  |       |  |
| 72/ 71       |                                     | .2  | .5  | 1.7 | 1.3 | .6       | .1                                 | .1     |        |        |        |        |       |       |       |       |      | 43        | 43       | 2        |           |  |       |  |
| 70/ 69       | .1                                  | 1.3 | 1.2 | 1.3 | .9  |          |                                    |        |        |        |        |        |       |       |       |       |      | 41        | 41       | 4        |           |  |       |  |
| 68/ 67       |                                     | .3  | .1  | .5  | .1  |          |                                    |        |        |        |        |        |       |       |       |       |      | 10        | 10       | 27       | 3         |  |       |  |
| 66/ 65       | .2                                  | .7  | .2  | .4  |     |          |                                    |        |        |        |        |        |       |       |       |       |      | 10        | 10       | 152      | 3         |  |       |  |
| 64/ 63       | .1                                  | .1  |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      | 2         | 2        | 292      | 7         |  |       |  |
| 62/ 61       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          | 206      | 23        |  |       |  |
| 60/ 59       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          | 115      | 67        |  |       |  |
| 58/ 57       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          | 40       | 128       |  |       |  |
| 56/ 55       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          | 17       | 138       |  |       |  |
| 54/ 53       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          | 3        | 149       |  |       |  |
| 52/ 51       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | 93        |  |       |  |
| 50/ 49       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | 73        |  |       |  |
| 48/ 47       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | 56        |  |       |  |
| 46/ 45       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | 44        |  |       |  |
| 44/ 43       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | 22        |  |       |  |
| 42/ 41       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | 15        |  |       |  |
| 40/ 39       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | 11        |  |       |  |
| 38/ 37       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | 12        |  |       |  |
| 36/ 35       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | 8         |  |       |  |
| 34/ 33       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | 3         |  |       |  |
| 32/ 31       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | 1         |  |       |  |
| 30/ 29       |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          | 2         |  |       |  |
| Element (X)  | Σ x <sup>2</sup>                    | Σ x | Σ   | Σ   | Σ   | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        |       |       |       |       |      |           |          |          |           |  |       |  |
| Rel. Hum.    |                                     |     |     |     |     |          | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |       |       |       |      |           |          |          |           |  |       |  |
| Dry Bulb     |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          |           |  |       |  |
| Wet Bulb     |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          |           |  |       |  |
| Dew Point    |                                     |     |     |     |     |          |                                    |        |        |        |        |        |       |       |       |       |      |           |          |          |           |  |       |  |

## PSYCHROMETRIC SUMMARY

**61-73**

YEARS MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

**AUG**  
**MONTH**

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]

AD-A082 912

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/6 4/2  
STALLION SITE, SAN MARCIAL, NEW MEXICO. REVISED UNIFORM SUMMARY--ETC(U)  
FEB 75

UNCLASSIFIED

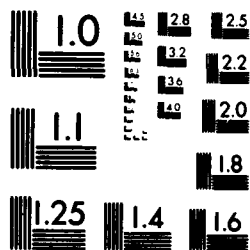
USAFETAC/OS-00/020

NL

5 5



END  
-40  
DTIC



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

## PSYCHROMETRIC SUMMARY

93061      STALLION SITE NM  
STATION      STATION NAME

61-73

YEARS

**AUG**  
MONTH

PAGE 2 ~~1200-1400~~  
HOURS (L. S. T.)

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061 STALLION SITE NM  
STATION STATION NAME

61-73

YEARS

AUG  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | TOTAL    | TOTAL    |           |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 98/ 97       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .7   | 3         | 3        |          |           |  |
| 96/ 95       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .5   | 13        | 13       |          |           |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | .7    | .5    | 1.7  | 27        | 27       |          |           |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |       |       |       | .5    | .5    | 1.7   | 2.7   | 1.5   | 1.5  | 42        | 42       |          |           |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       |       | .7    | .7    | .7    | 5.7   | 4.0   | 2.7   | 1.2  | 61        | 61       |          |           |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       | .5    | .5    | 2.5   | 2.0   | 2.7   | 1.7   | .7    | .5   | 49        | 49       |          |           |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       | .2    | 2.5   | 3.7   | 2.7   | 3.0   | 2.7   | 1.7   | .2    |      | 65        | 65       |          |           |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       | .2    | 3.7   | 2.0   | 1.2   | 1.7   | 1.7   | 1.0   |       |      | 40        | 40       |          |           |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       | .7    | 4.0   | 1.7   | 1.0   | .9    |       |       |       |      | 32        | 32       |          |           |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       | 1.7   | 2.5   | .7    | 1.0   | .2    |       |       |       |      | 25        | 25       |          |           |  |
| 78/ 77       |                                     |     |     |     |     |      | .5    | 1.2   | 1.0   | .7    |       |       |       |       |       |       |      | 14        | 14       |          |           |  |
| 76/ 75       |                                     |     |     |     |     |      | .5    | .2    | .5    |       |       |       |       |       |       |       |      | 5         | 5        |          |           |  |
| 74/ 73       |                                     |     |     |     |     |      | .7    | .7    | .5    | .2    |       |       |       |       |       |       |      | 9         | 9        |          |           |  |
| 72/ 71       |                                     |     |     |     |     | .5   | .2    | .5    | .2    |       |       |       |       |       |       |       |      | 6         | 6        |          |           |  |
| 70/ 69       |                                     |     |     |     | .5  | .2   | .2    |       |       |       |       |       |       |       |       |       |      | 4         | 4        |          | 5         |  |
| 68/ 67       |                                     |     | .7  | .2  |     |      |       |       |       |       |       |       |       |       |       |       |      | 4         | 4        |          | 13        |  |
| 66/ 65       |                                     | .5  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2         | 2        |          | 79        |  |
| 64/ 63       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |
| 62/ 61       |                                     | .2  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        |          | 82        |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 7         |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 65        |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 12        |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 16        |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 39        |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 44        |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 41        |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 49        |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 40        |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 26        |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 26        |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 25        |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 13        |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 15        |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 10        |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 3         |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | Σ     |       | Σ     |       | Σ     |       | Σ     |       | Σ     |       | Σ    |           | Σ        |          | Σ         |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

YEARS.

**AUG**  
MONTH

~~1500-1700~~  
HOURS (U.S.T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|-------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |     |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 30/ 29       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 3   |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 28/ 27       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 1   |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 26/ 25       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2   |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 24/ 23       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2   |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 22/ 21       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |       |  |  |
| TOTAL        |                                     | .7    | .7    | .7    | .7    | 1.0    | 2.5     | 3.5     | 5.2     | 6.7     | 9.5     | 12.7    | 8.7     | 15.7    | 11.7    | 9.5     | 10.4 |           | 402      | 402      |           | 402 |  |  |  |  |  |  |  |  |  |       |       |  |  |

## PSYCHROMETRIC SUMMARY

**AUG**  
**MONTH**

~~1.800-2000~~  
HOURS (U.S. & I)

## PSYCHROMETRIC SUMMARY

**AUG**  
**MONTH**

PAGE 2 1800-2000  
HOURS (L. S. )

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061 STALLION SITE NM

63,65-67,69,73

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |  |                    |       |  |  |
| 80/ 79       |                                     |     |     |      |     |      |       |       |       |       |       | 2.6   |       |       |       |       |      | 1        | 1        |           |  |                    |       |  |  |
| 78/ 77       |                                     |     |     |      |     |      |       | 2.6   | 5.1   |       |       | 2.6   | 2.6   |       |       |       |      | 5        | 5        |           |  |                    |       |  |  |
| 76/ 75       |                                     |     |     |      |     | 2.6  | 2.6   | 5.1   |       | 2.6   | 2.6   | 5.1   | 2.6   |       |       |       |      | 8        | 8        |           |  |                    |       |  |  |
| 74/ 73       |                                     |     |     |      | 2.6 |      | 7.7   | 2.6   |       |       | 5.1   |       |       |       |       |       |      | 7        | 7        |           |  |                    |       |  |  |
| 72/ 71       |                                     |     |     | 5.1  | 2.6 | 2.6  | 2.6   | 10.3  |       |       |       |       |       |       |       |       |      | 9        | 9        |           |  |                    |       |  |  |
| 70/ 69       |                                     |     |     | 2.6  |     | 2.6  | 5.1   |       |       |       |       |       |       |       |       |       |      | 4        | 4        |           |  |                    |       |  |  |
| 68/ 67       |                                     |     |     |      | 2.6 | 2.6  |       |       |       |       |       |       |       |       |       |       |      | 2        | 2        | 3         |  |                    |       |  |  |
| 66/ 65       |                                     |     | 2.6 | 5.1  |     |      |       |       |       |       |       |       |       |       |       |       |      | 3        | 3        | 1         |  |                    |       |  |  |
| 64/ 63       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          | 4        | 1         |  |                    |       |  |  |
| 62/ 61       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          | 8        | 2         |  |                    |       |  |  |
| 60/ 59       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          | 8        | 3         |  |                    |       |  |  |
| 58/ 57       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          | 8        | 1         |  |                    |       |  |  |
| 56/ 55       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          | 1        | 8         |  |                    |       |  |  |
| 54/ 53       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          | 5        | 3         |  |                    |       |  |  |
| 52/ 51       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 6         |  |                    |       |  |  |
| 50/ 49       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 6         |  |                    |       |  |  |
| 48/ 47       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 1         |  |                    |       |  |  |
| 46/ 45       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 2         |  |                    |       |  |  |
| 44/ 43       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 1         |  |                    |       |  |  |
| 42/ 41       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 6         |  |                    |       |  |  |
| TOTAL        |                                     |     | 2.6 | 12.6 | 7.7 | 10.3 | 17.8  | 20.5  | 5.1   | 2.6   | 7.7   | 10.3  | 2.6   |       |       |       |      | 39       | 39       | 39        |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |
|              |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |                    |       |  |  |

| Element (X) | Σ X     | Σ X <sup>2</sup> | Σ X <sup>3</sup> | Σ X <sup>4</sup> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        | Total  |
|-------------|---------|------------------|------------------|------------------|----------|------------------------------------|--------|--------|--------|--------|--------|
| Rel. Hum.   | 100.000 | 10000.000        | 1000000.000      | 100000000.000    | 20       | ≤ 6 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Dry Bulb    | 100.000 | 10000.000        | 1000000.000      | 100000000.000    | 20       |                                    |        | 85.0   | 80.1   | 2.6    |        |
| Wet Bulb    | 100.000 | 10000.000        | 1000000.000      | 100000000.000    | 20       |                                    |        | 7.2    |        |        |        |
| Dew Point   | 100.000 | 10000.000        | 1000000.000      | 100000000.000    | 20       |                                    |        |        |        |        |        |

USAFETAC FORM 0-26-5 (OL A) REVERSED BEYOND BEYOND OF THE FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**YEARS**

**SEP**  
MONTH

PAGE 1 0000-0200  
HOURS 11. 5. 1

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |  |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|----------|----------|-----------|--------------------|-------|--|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |                    |       |  |  |  |
| 68 / 67      |                                     |       | 6.3   |       |       |        | 6.3     |         |         |         |         |         |         |         |         |         |      | 2        | 2        |           |                    |       |  |  |  |
| 68 / 65      |                                     |       | 18.8  |       |       |        | 6.3     |         |         |         |         |         |         |         |         |         |      | 4        | 4        |           |                    |       |  |  |  |
| 64 / 63      |                                     |       |       |       |       |        |         |         | 6.3     | 6.3     |         |         |         |         |         |         |      | 2        | 2        | 2         |                    |       |  |  |  |
| 62 / 61      |                                     |       | 6.3   |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 1        | 1        | 2         | 2                  |       |  |  |  |
| 60 / 59      |                                     |       | 6.3   |       |       |        | 6.3     | 6.3     |         |         |         |         |         |         |         |         |      | 3        | 3        | 1         | 2                  |       |  |  |  |
| 58 / 57      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           | 1                  |       |  |  |  |
| 56 / 55      |                                     |       |       | 6.3   |       |        |         |         |         |         |         |         |         |         |         |         |      | 1        | 1        | 2         |                    |       |  |  |  |
| 54 / 53      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 1         | 1                  |       |  |  |  |
| 52 / 51      |                                     |       |       | 6.3   |       |        |         |         |         |         |         |         |         |         |         |         |      | 1        | 1        | 1         |                    |       |  |  |  |
| 50 / 49      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 3         |                    |       |  |  |  |
| 48 / 47      |                                     |       |       |       |       |        | 6.3     |         |         |         |         |         |         |         |         |         |      | 1        | 1        | 2         | 2                  |       |  |  |  |
| 46 / 45      |                                     |       |       |       |       |        | 6.3     |         |         |         |         |         |         |         |         |         |      | 1        | 1        |           | 1                  |       |  |  |  |
| 42 / 41      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           | 2                  |       |  |  |  |
| 38 / 37      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 2         | 1                  |       |  |  |  |
| 36 / 35      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           | 2                  |       |  |  |  |
| 34 / 23      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           | 2                  |       |  |  |  |
| TOTAL        |                                     |       | 37.8  | 12.5  |       |        | 18.6    | 18.6    | 6.3     | 6.3     |         |         |         |         |         |         |      | 16       | 16       | 16        | 16                 |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |                    |       |  |  |  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061 STALLION SITE NH  
STATION STATION NAME

61-73

YEARS

SEP  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          | TOTAL<br>D.B./W.B. | TOTAL     |     |  |
|--------------|-------------------------------------|-----|------|-----|------|------|------------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|--|--|----------|--------------------|-----------|-----|--|
|              | 0                                   | 1-2 | 3-4  | 5-6 | 7-8  | 9-10 | 11-12            | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | TOTAL |  |  | Dry Bulb | Wet Bulb           | Dew Point |     |  |
| 70/ 77       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 1     |  |  | 1        |                    |           |     |  |
| 76/ 75       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 2     |  |  | 2        |                    |           |     |  |
| 72/ 71       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 16    |  |  | 16       |                    |           |     |  |
| 70/ 69       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 26    |  |  | 26       |                    |           |     |  |
| 68/ 67       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 44    |  |  | 44       |                    |           |     |  |
| 66/ 65       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 45    |  |  | 45       |                    | 1         |     |  |
| 64/ 63       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 63    |  |  | 63       | 10                 |           | 1   |  |
| 62/ 61       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 68    |  |  | 68       | 38                 |           | 12  |  |
| 60/ 59       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 62    |  |  | 62       | 58                 |           | 14  |  |
| 58/ 57       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 28    |  |  | 28       | 60                 |           | 46  |  |
| 56/ 55       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 25    |  |  | 25       | 58                 |           | 41  |  |
| 54/ 53       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 17    |  |  | 17       | 47                 |           | 28  |  |
| 52/ 51       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 14    |  |  | 14       | 42                 |           | 52  |  |
| 50/ 49       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 9     |  |  | 9        | 34                 |           | 31  |  |
| 48/ 47       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 5     |  |  | 5        | 26                 |           | 44  |  |
| 46/ 45       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 1     |  |  | 1        | 20                 |           | 29  |  |
| 44/ 43       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 1     |  |  | 1        | 17                 |           | 20  |  |
| 42/ 41       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 1     |  |  | 1        | 11                 |           | 27  |  |
| 40/ 39       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          | 5                  |           | 14  |  |
| 38/ 37       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          |                    |           | 15  |  |
| 36/ 35       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          | 1                  |           | 15  |  |
| 34/ 33       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          |                    |           | 14  |  |
| 32/ 31       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          |                    |           | 10  |  |
| 30/ 29       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          |                    |           | 4   |  |
| 28/ 27       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          |                    |           | 3   |  |
| 26/ 25       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          |                    |           | 5   |  |
| 24/ 23       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          |                    |           | 1   |  |
| 22/ 21       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          |                    |           | 1   |  |
| 20/ 19       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          |                    |           | 1   |  |
| 18/ 17       |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          |                    |           | 1   |  |
| TOTAL        |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       | 420   |  |  | 420      |                    |           | 420 |  |
|              |                                     |     |      |     |      |      |                  |       |          |       |                                    |        |        |        |        |        |       |       |  |  |          |                    |           |     |  |
| Element (X)  | Σ H <sup>2</sup>                    |     | Σ H  |     | Σ X  |      | Σ X <sup>2</sup> |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        | Total |       |  |  |          |                    |           |     |  |
| Ref. Num.    | 1700000                             |     | 2077 |     | 62.0 |      | 38.44            |       | 420      |       | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | 90    |       |  |  |          |                    |           |     |  |
| Dry Bulb     | 1000000                             |     | 2000 |     | 60.0 |      | 36.00            |       | 420      |       |                                    |        | 10.7   | 0.6    |        |        | 90    |       |  |  |          |                    |           |     |  |
| Wet Bulb     | 1000000                             |     | 2000 |     | 60.0 |      | 36.00            |       | 420      |       |                                    |        |        |        |        |        | 90    |       |  |  |          |                    |           |     |  |
| Dew Point    | 1000000                             |     | 2000 |     | 60.0 |      | 36.00            |       | 420      |       |                                    |        |        |        |        |        | 90    |       |  |  |          |                    |           |     |  |

## PSYCHROMETRIC SUMMARY

YEARS

**SEP**  
MONTH

PAGE 1 ~~0900-1100~~  
HOURS (L. S. T.)



## PSYCHROMETRIC SUMMARY

YEARS

**SELF**  
**MONTH**

PAGE 2 ~~0900-1100~~  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

**SEP**  
**MONTH**

PAGE 1 1200-1400

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |  |       |  |  |  |  |  | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|-------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22 | 23-24  | 25-26 | 27-28  | 29-30 | = 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |       |  |  |  |  |  |       |       |  |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        | .4    |        | .3    | .3     | 7         | 7        |          |           |  |       |  |  |  |  |  |       |       |  |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |          |       |                                    |       | .3     | .6    |        | .9    | .1     | 17        | 17       |          |           |  |       |  |  |  |  |  |       |       |  |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |          |       |                                    | .1    | .6     | .6    | .4     | .3    |        | 14        | 13       |          |           |  |       |  |  |  |  |  |       |       |  |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |          | .4    | 1.0                                | .9    | 1.8    | 1.6   | .9     | .1    |        | 46        | 46       |          |           |  |       |  |  |  |  |  |       |       |  |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       | .4       | .4    | 2.0                                | 1.8   | 2.0    | 2.8   | 1.3    |       |        | 74        | 74       |          |           |  |       |  |  |  |  |  |       |       |  |  |
| 82/ 81       |                                     |     |     |     |     | .1   | .1    | .1    | 2.0      | 2.2   | 2.8                                | 3.9   | 2.6    | 1.2   | 1.2    |       |        | 114       | 114      |          |           |  |       |  |  |  |  |  |       |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      | .1    | .6    | 1.9      | 1.9   | 4.2                                | 3.9   | 1.9    | 1.2   | .9     |       |        | 108       | 108      |          |           |  |       |  |  |  |  |  |       |       |  |  |
| 78/ 77       |                                     |     |     |     |     |      | 1.0   | 1.3   | 1.6      | 3.1   | 3.7                                | 2.3   | 1.0    | .9    | .1     |       |        | 104       | 104      |          |           |  |       |  |  |  |  |  |       |       |  |  |
| 76/ 75       |                                     |     |     |     | .3  | .4   | 1.2   | 1.8   | 2.6      | .9    | .6                                 | .6    | .4     |       |        |       |        | 60        | 60       |          |           |  |       |  |  |  |  |  |       |       |  |  |
| 74/ 73       |                                     |     |     | .6  | 1.0 | 1.0  | .9    | .7    | .6       | 1.0   | .6                                 | .3    |        |       |        |       |        | 46        | 46       |          |           |  |       |  |  |  |  |  |       |       |  |  |
| 72/ 71       |                                     |     |     | .1  | .7  | 1.0  | .3    | .7    |          |       | .4                                 |       |        |       |        |       |        | 23        | 23       | 2        |           |  |       |  |  |  |  |  |       |       |  |  |
| 70/ 69       |                                     |     |     | .3  | .3  | .1   | .1    | .4    | .4       | .4    | .1                                 | .3    | .1     |       |        |       |        | 19        | 19       |          |           |  |       |  |  |  |  |  |       |       |  |  |
| 68/ 67       |                                     | .1  |     | .2  | .1  | .4   | .1    | .4    | .1       | .2    | .4                                 | .3    |        |       |        |       |        | 19        | 19       | 14       | 3         |  |       |  |  |  |  |  |       |       |  |  |
| 66/ 65       |                                     |     |     |     |     |      | .1    | .6    | .1       | .4    | .1                                 |       |        |       |        |       |        | 10        | 10       | 55       |           |  |       |  |  |  |  |  |       |       |  |  |
| 64/ 63       |                                     |     | .3  | .6  |     | .1   | .3    |       | .3       |       |                                    |       |        |       |        |       |        | 11        | 11       | 91       | 1         |  |       |  |  |  |  |  |       |       |  |  |
| 62/ 61       |                                     |     |     |     |     | .1   | .1    | .1    | .1       | .1    |                                    |       |        |       |        |       |        | 5         | 5        | 120      | 5         |  |       |  |  |  |  |  |       |       |  |  |
| 60/ 59       |                                     | .4  |     |     | .1  |      | .1    |       |          | .1    |                                    |       |        |       |        |       |        | 6         | 6        |          | 18        |  |       |  |  |  |  |  |       |       |  |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          | 104      | 19        |  |       |  |  |  |  |  |       |       |  |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          | 57       | 41        |  |       |  |  |  |  |  |       |       |  |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          | 42       | 53        |  |       |  |  |  |  |  |       |       |  |  |
| 52/ 51       | .1                                  |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        | 1         | 1        | 29       | 53        |  |       |  |  |  |  |  |       |       |  |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          | 14       | 52        |  |       |  |  |  |  |  |       |       |  |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          | 7        | 50        |  |       |  |  |  |  |  |       |       |  |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          | 9        | 80        |  |       |  |  |  |  |  |       |       |  |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          | 4        | 55        |  |       |  |  |  |  |  |       |       |  |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 46        |  |       |  |  |  |  |  |       |       |  |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 40        |  |       |  |  |  |  |  |       |       |  |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 34        |  |       |  |  |  |  |  |       |       |  |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 23        |  |       |  |  |  |  |  |       |       |  |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 19        |  |       |  |  |  |  |  |       |       |  |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 26        |  |       |  |  |  |  |  |       |       |  |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 13        |  |       |  |  |  |  |  |       |       |  |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 8         |  |       |  |  |  |  |  |       |       |  |  |
| 26/ 25       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 5         |  |       |  |  |  |  |  |       |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |       |        |           |          |          |           |  |       |  |  |  |  |  |       |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |          |       | ≤ 6 F                              |       | ≤ 32 F |       | ≥ 67 F |       | ≥ 73 F |           | ≥ 80 F   |          | ≥ 93 F    |  | Total |  |  |  |  |  |       |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |  |       |  |  |  |  |  |       |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |  |       |  |  |  |  |  |       |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |  |       |  |  |  |  |  |       |       |  |  |

## PSYCHROMETRIC SUMMARY

YEARS

**SEP**  
**MONTH**

~~1200-1400~~  
HOURS (L E T)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

92041 STATION NAME STALLION SITE NM

61-73

YEARS

SEP MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | TOTAL | TOTAL |  |   |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|-------|--|---|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |   |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | .3    | .9    | .6   | .3        | 1        | 1        |           |       |       |  |   |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | .3    | .3    | .6   | .8        | 8        | 8        |           |       |       |  |   |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | .3    | .3    | .6   | 4         | 4        |          |           |       |       |  |   |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       |       | .3    | .3    | .9    | 1.5   | 1.2   | .6    | .3   | 17        | 17       |          |           |       |       |  |   |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |       | 1.2   | 1.2   | 1.8   | 4.7   | 1.2   | .3    | .9    |      | 38        | 38       |          |           |       |       |  |   |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |       | 1.2   | 2.1   | 2.9   | 3.3   | 1.2   | .9    |       |      | 41        | 41       |          |           |       |       |  |   |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       | .9    | 1.2   | 2.1   | 3.0   | 1.8   | 2.4   | 2.7   | .6    |      | 58        | 58       |          |           |       |       |  |   |  |
| 80/ 79       |                                     |     |     |     |     |      | .6    | .9    | .9    | 1.5   | 2.4   | 4.7   | 1.8   | .9    | 1.2   |       |      | 47        | 47       |          |           |       |       |  |   |  |
| 78/ 77       |                                     |     |     |     |     | .3   | 1.5   | 1.5   | 1.5   | 2.9   | 1.8   | .3    | 1.5   |       |       |       |      | 38        | 38       |          |           |       |       |  |   |  |
| 76/ 75       |                                     |     |     |     |     | 1.2  | 1.2   | 1.2   | .3    | 1.5   | .6    | .6    |       |       |       |       |      | 22        | 22       |          |           |       |       |  |   |  |
| 74/ 73       |                                     |     |     |     | .3  | .6   | .6    | 1.2   | .9    | .9    | .9    |       |       |       | .3    |       |      | 16        | 16       |          |           |       |       |  |   |  |
| 72/ 71       |                                     |     |     |     | 1.2 | .3   | .3    | .3    | .9    | .9    |       |       |       |       |       |       |      | 11        | 11       |          |           |       |       |  |   |  |
| 70/ 69       |                                     |     | .3  |     |     | .6   |       |       | .3    | .3    |       | .6    |       |       |       |       |      | 7         | 7        |          |           |       |       |  |   |  |
| 68/ 67       |                                     |     | .3  | .3  | .6  | .3   |       | .3    | .6    | .6    | .3    |       | .6    |       |       |       |      | 13        | 13       | 3        |           |       |       |  |   |  |
| 66/ 65       |                                     | .6  |     | .6  |     | .3   |       |       |       |       | .9    |       |       |       |       |       |      | 8         | 8        | 29       |           |       |       |  |   |  |
| 64/ 63       |                                     |     | .6  | .3  |     |      | .3    |       |       |       | .3    |       |       |       |       |       |      | 3         | 3        | 40       | 4         |       |       |  |   |  |
| 62/ 61       |                                     |     | .6  | .6  |     |      |       |       |       |       |       |       |       |       |       |       |      | 4         | 4        | 52       | 7         |       |       |  |   |  |
| 60/ 59       | .3                                  | .3  |     |     |     |      | .3    |       |       |       |       |       |       |       |       |       |      | 3         | 3        | 86       | 9         |       |       |  |   |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 47       | 11        |       |       |  |   |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 37       | 14        |       |       |  |   |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 20       | 24        |       |       |  |   |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 12       | 28        |       |       |  |   |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 3        | 11        |       |       |  |   |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 3        | 23        |       |       |  |   |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 7        | 33        |       |       |  |   |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 39        |       |       |  |   |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 37        |       |       |  |   |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 24        |       |       |  |   |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 14        |       |       |  |   |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 8         |       |       |  |   |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 9         |       |       |  |   |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 8         |       |       |  |   |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 6         |       |       |  |   |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 10        |       |       |  |   |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | Σ     |       | Σ     |       | Σ     |       | Σ     |       | Σ     |       | Σ    |           | Σ        |          | Σ         |       | Σ     |  | Σ |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |       |       |  |   |  |

## PSYCHROMETRIC SUMMARY

92061      STALLION SITE NM

61-73

SEP

PAGE 2 ~~1500-1700~~  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | TOTAL     | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 26 / 25      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 0     |  |  |
| 24 / 23      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 4     |  |  |
| 22 / 21      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 4     |  |  |
| 20 / 19      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 1     |  |  |
| 18 / 17      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2     |  |  |
| 16 / 15      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2     |  |  |
| 12 / 11      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 1     |  |  |
| TOTAL        | .2                                  | .9    | 1.2   | 1.6   | 2.1   | 3.2    | 2.7     | 5.0     | 5.9     | 7.7     | 12.0    | 16.0    | 10.0    | 15.0    | 8.8     | 2.9     | 2.7  |           |          | 339      |           | 339   |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | 339      |           | 339   |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |  |  |

## PSYCHROMETRIC SUMMARY

63-67, 69, 71-72

**SEP**  
**MONTH**

PAGE 1 ~~1800-2000~~  
HOURS ( ) ( ) ( )

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|-------|-----|--------|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------|--|-------|--|--|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4   | 5-6 | 7-8    | 9-10 | 11-12 | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22 | 23-24  | 25-26 | 27-28  | 29-30 | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 86/ 85       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       | 2.0    | 1        | 1        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 84/ 83       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       | 2.0    | 1        | 1        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 82/ 81       |                                     |     |       |     |        |      |       |       |          |       |                                    | 2.0   | 2.0    |       |        | 2.0   |        | 3        | 3        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 80/ 79       |                                     |     |       |     |        |      |       |       |          |       | 2.0                                | 2.0   | 2.0    | 2.0   |        |       | 2.0    | 5        | 5        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 78/ 77       |                                     |     |       |     |        |      |       |       |          |       | 2.0                                | 3.9   | 2.0    |       |        |       | 2.0    | 5        | 5        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 76/ 75       |                                     |     |       |     |        |      |       |       |          | 2.0   | 2.0                                | 3.9   | 2.0    |       |        |       | 3.9    | 9        | 9        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 74/ 73       |                                     |     |       |     |        |      |       |       |          | 3.9   | 2.0                                | 2.0   | 2.0    | 2.0   |        |       | 2.0    | 7        | 7        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 72/ 71       |                                     |     |       |     | 2.0    |      |       |       |          | 3.9   | 2.0                                |       | 2.0    |       |        |       |        | 6        | 6        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 70/ 69       |                                     |     |       |     |        |      |       |       |          |       | 2.0                                |       |        |       |        |       |        | 1        | 1        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 68/ 67       |                                     |     | 3.9   |     |        |      |       | 2.0   | 2.0      | 2.0   |                                    |       | 2.0    |       |        |       |        | 6        | 6        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 66/ 65       |                                     | 2.0 |       |     |        |      |       |       |          |       |                                    |       | 2.0    |       |        |       |        | 2        | 2        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 64/ 63       |                                     |     |       |     |        |      |       |       |          | 3.9   |                                    |       | 2.0    |       |        |       |        | 3        | 3        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 62/ 61       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 60/ 59       |                                     |     |       |     |        |      |       |       |          |       |                                    | 3.9   |        |       |        |       |        | 2        | 2        |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 58/ 57       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 56/ 55       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 54/ 53       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 52/ 51       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 50/ 49       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 48/ 47       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 46/ 45       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 44/ 43       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 42/ 41       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 40/ 39       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 38/ 37       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 36/ 35       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 34/ 33       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 32/ 31       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 30/ 29       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 28/ 27       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 26/ 25       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 24/ 23       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 22/ 21       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| 20/ 19       |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| TOTAL        |                                     | 2.0 | 3.9   |     |        | 2.0  | 2.0   | 11.0  | 11.0     | 17.0  | 13.7                               | 12.7  | 3.9    | 3.9   | 3.9    | 3.9   | 2.0    |          | 91       | 91        |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |     |       |     |        |      |       |       |          |       |                                    |       |        |       |        |       |        | 51       |          | 91        |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| Element (X)  | Σ H'                                |     | Σ H   |     | Σ      |      | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |  |  |                    |       |  |  |
| Rel. Hum.    | 84.965                              |     | 19.15 |     | 27.617 |      | 2.000 |       | 31       |       | ≤ 6 F                              |       | ≤ 32 F |       | ≥ 67 F |       | ≥ 73 F |          | ≥ 80 F   |           | ≥ 93 F |  | Total |  |  |  |  |  |  |  |                    |       |  |  |
| Dry Bulb     | 27.887                              |     | 27.89 |     | 78.8   |      | 8.665 |       | 31       |       |                                    |       |        |       | 77.6   |       | 26.7   |          | 18.9     |           |        |  | 90    |  |  |  |  |  |  |  |                    |       |  |  |
| Wet Bulb     | 16.264                              |     | 20.9  |     | 26.1   |      | 2.000 |       | 31       |       |                                    |       |        |       |        |       |        |          |          |           |        |  | 90    |  |  |  |  |  |  |  |                    |       |  |  |
| Dew Point    | 16.275                              |     | 22.1  |     | 23.611 |      | 2.00  |       | 31       |       |                                    |       | 21.6   |       |        |       |        |          |          |           |        |  | 90    |  |  |  |  |  |  |  |                    |       |  |  |

## PSYCHROMETRIC SUMMARY

SEP  
MONTH

STATION

STATION NAME

**YEARS**

**MONTH**

PAGE 1 2100-2300  
HOURS (L E T)

[illegible]

## PSYCHROMETRIC SUMMARY

66

YEARS

**OCT**  
**MONTH**

PAGE 1 ~~0000-0200~~  
HOURS (L-3-1)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

**DCI**  
**MONTH**

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 ~~0600-0800~~  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|------|--------|-----|--------|------|---------|-------|----------|-------|-----------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------|--|-------|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1-2  | 3-4    | 5-6 | 7-8    | 9-10 | 11-12   | 13-14 | 15-16    | 17-18 | 19-20                             | 21-22 | 23-24  | 25-26 | 27-28  | 29-30 | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |        |  |       |  |  |  |  |  |                    |       |  |  |
| 68/ 67       |                                     |      |        | .2  |        | .2   |         |       | .2       |       | .2                                |       |        |       |        |       |        | 3        | 3        |           |        |  |       |  |  |  |  |  |                    |       |  |  |
| 66/ 65       |                                     |      |        |     | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 8        | 8        |           |        |  |       |  |  |  |  |  |                    |       |  |  |
| 64/ 63       |                                     |      | .2     |     | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 12       | 12       |           |        |  |       |  |  |  |  |  |                    |       |  |  |
| 62/ 61       |                                     | .2   | .2     | .2  | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 21       | 21       | 1         |        |  |       |  |  |  |  |  |                    |       |  |  |
| 60/ 59       |                                     | .2   | .2     | .2  | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 26       | 26       | 4         | 2      |  |       |  |  |  |  |  |                    |       |  |  |
| 58/ 57       |                                     | .2   | .2     | .2  | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 35       | 35       | 7         | 4      |  |       |  |  |  |  |  |                    |       |  |  |
| 56/ 55       |                                     | .2   | .2     | .2  | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 31       | 31       | 9         | 4      |  |       |  |  |  |  |  |                    |       |  |  |
| 54/ 53       |                                     | .2   | .2     | .2  | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 46       | 46       | 12        | 5      |  |       |  |  |  |  |  |                    |       |  |  |
| 52/ 51       |                                     | .2   | .2     | .2  | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 45       | 45       | 26        | 7      |  |       |  |  |  |  |  |                    |       |  |  |
| 50/ 49       | .2                                  | 1.0  | .2     | .2  | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 39       | 39       | 32        | 16     |  |       |  |  |  |  |  |                    |       |  |  |
| 48/ 47       |                                     | 1.2  | 1.0    | 1.2 | 2.0    | 1.2  |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 37       | 37       | 44        | 15     |  |       |  |  |  |  |  |                    |       |  |  |
| 46/ 45       |                                     | .2   | 1.0    | 2.0 | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 38       | 38       | 53        | 15     |  |       |  |  |  |  |  |                    |       |  |  |
| 44/ 43       |                                     | .2   | 1.0    | 1.0 | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 24       | 24       | 56        | 26     |  |       |  |  |  |  |  |                    |       |  |  |
| 42/ 41       |                                     | .2   | .2     | 1.0 | 1.0    | 1.2  |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 21       | 21       | 40        | 22     |  |       |  |  |  |  |  |                    |       |  |  |
| 40/ 39       | .2                                  | .2   | 1.0    | .2  | 1.2    | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 19       | 19       | 41        | 32     |  |       |  |  |  |  |  |                    |       |  |  |
| 38/ 37       |                                     | .2   | .2     | .2  | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 12       | 12       | 32        | 32     |  |       |  |  |  |  |  |                    |       |  |  |
| 36/ 35       |                                     |      |        | .2  | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 3        | 3        | 28        | 33     |  |       |  |  |  |  |  |                    |       |  |  |
| 34/ 33       |                                     | .2   |        | .2  | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 4        | 4        | 18        | 28     |  |       |  |  |  |  |  |                    |       |  |  |
| 32/ 31       | .2                                  |      |        | .2  | .2     | .2   |         | .2    | .2       |       | .2                                |       |        |       |        |       |        | 3        | 3        | 17        | 31     |  |       |  |  |  |  |  |                    |       |  |  |
| 30/ 29       |                                     |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          | 5         | 32     |  |       |  |  |  |  |  |                    |       |  |  |
| 28/ 27       |                                     |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          | 9         | 23     |  |       |  |  |  |  |  |                    |       |  |  |
| 26/ 25       |                                     |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          | 3         | 25     |  |       |  |  |  |  |  |                    |       |  |  |
| 24/ 23       |                                     |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          |           | 18     |  |       |  |  |  |  |  |                    |       |  |  |
| 22/ 21       |                                     |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          |           | 17     |  |       |  |  |  |  |  |                    |       |  |  |
| 20/ 19       |                                     |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          |           | 11     |  |       |  |  |  |  |  |                    |       |  |  |
| 18/ 17       |                                     |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          |           | 10     |  |       |  |  |  |  |  |                    |       |  |  |
| 16/ 15       |                                     |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          |           | 9      |  |       |  |  |  |  |  |                    |       |  |  |
| 14/ 13       |                                     |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          |           | 1      |  |       |  |  |  |  |  |                    |       |  |  |
| 12/ 11       |                                     |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          |           | 3      |  |       |  |  |  |  |  |                    |       |  |  |
| 10/ 9        |                                     |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          |           | 3      |  |       |  |  |  |  |  |                    |       |  |  |
| 8/ 7         |                                     |      |        |     |        |      |         |       |          |       |                                   |       |        |       |        |       |        |          |          |           | 1      |  |       |  |  |  |  |  |                    |       |  |  |
| TOTAL        | .7                                  | 10.5 | 12.5   | 5.5 | 6.5    | 5.5  | 12.5    | 9     | 8.5      | 2.0   | .5                                | .5    |        |       |        |       |        | 429      | 429      |           | 429    |  |       |  |  |  |  |  |                    |       |  |  |
| Element (X)  | Σ H'                                |      | Σ H    |     | Σ R    |      | Σ C     |       | No. Obs. |       | F = No. of Hours with Temperature |       |        |       |        |       |        |          |          |           |        |  |       |  |  |  |  |  |                    |       |  |  |
| Rel. Hum.    | 1000000                             |      | 200000 |     | 200000 |      | 1000000 |       | 429      |       | ≥ 0 F                             |       | ≥ 32 F |       | ≥ 67 F |       | ≥ 73 F |          | ≥ 80 F   |           | ≥ 93 F |  | Total |  |  |  |  |  |                    |       |  |  |
| Dry Bulb     | 1187770                             |      | 117710 |     | 117710 |      | 117710  |       | 429      |       |                                   |       | .7     |       | .7     |       |        |          |          |           |        |  | 93    |  |  |  |  |  |                    |       |  |  |
| Wet Bulb     | 1182250                             |      | 117210 |     | 117210 |      | 117210  |       | 429      |       |                                   |       | .3     |       |        |       |        |          |          |           |        |  | 93    |  |  |  |  |  |                    |       |  |  |
| Dew Point    | 1182250                             |      | 117210 |     | 117210 |      | 117210  |       | 429      |       |                                   |       | .3     |       |        |       |        |          |          |           |        |  | 93    |  |  |  |  |  |                    |       |  |  |

## PSYCHROMETRIC SUMMARY

93061  
STATIC

STALLION SITE NM

~~61-63-73~~

DC 7

STATION

STATION NAME

**YEARS**

**MONTH**

PAGE 1 ~~0900-1100~~

**HOURS**

## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

**OCT**  
**MONTH**

HOURS (L.S., F.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  | TOTAL |  | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|-------|--|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |     |  |  |  |  |  |  |       |  |       |  |  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 6   |  |  |  |  |  |  |       |  |       |  |  |
| 12/ 11       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 8   |  |  |  |  |  |  |       |  |       |  |  |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 4   |  |  |  |  |  |  |       |  |       |  |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 3   |  |  |  |  |  |  |       |  |       |  |  |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 1   |  |  |  |  |  |  |       |  |       |  |  |
| TOTAL        | .8                                  | 1.9   | 2.5   | 4.6   | 7.2   | 9.5    | 12.1    | 13.7    | 12.7    | 12.4    | 10.5    | 7.9     | 3.8     | .7      | .1      |         |      |           | 724      | 724      | 724       | 724 |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |  |  |  |  |  |  |       |  |       |  |  |

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 ~~1200-1400~~  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

**EST**  
**MONTH**

PAGE 2 1200-1400  
HOURS (L.S.F.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | TOTAL    | TOTAL    |           |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 20/ 19       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 19        |  |
| 18/ 17       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 21        |  |
| 16/ 15       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 15        |  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 12        |  |
| 12/ 11       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 11        |  |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 4         |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 5         |  |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| 2/ 1         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |
| -2/ -3       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |
| TOTAL        | .4                                  | 1.2   | .6    | 1.6   | 1.7   | 4.0    | 5.0     | 7.6     | 10.2    | 11.2    | 11.9    | 13.7    | 14.5    | 10.5    | 3.8     | 1.4     | .3   | 717       | 717      | 717      | 717       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |

## PSYCHROMETRIC SUMMARY

YEARS

Oct  
MONTH

PAGE 1 ~~1500-1700~~  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

YEARS

**DO NOT**  
**REMOVE**

PAGE 2 ~~1500-1700~~  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | TOTAL     |          | TOTAL    |           |     |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-----|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |     |
| 20/ 19       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 10  |
| 18/ 17       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 14  |
| 16/ 15       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 12  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 3   |
| 12/ 11       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 7   |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 7   |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 7   |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 1   |
| TOTAL        | .3                                  | .6    | 1.4   | 1.4   | 2.3   | 2.0    | 5.4     | 5.1     | 7.6     | 7.3     | 6.8     | 12.4    | 16.4    | 17.2    | 11.0    | 1.4     | 1.4  |           | 354      |          |           | 354 |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 354       |          | 354      |           |     |

| Element (X) | Σ H'    | Σ H     | H      | C <sub>H</sub> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|---------|---------|--------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 222027  | 9108    | 22.712 | 222            | 224      | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |       |
| Dry Bulb    | 1859198 | 222027  | 71.6   | 222            | 224      |                                    |        | 70.7   | 49.1   | 12.1   |        | 92    |
| Wet Bulb    | 927877  | 1859198 | 22.7   | 222            | 224      |                                    |        |        |        |        |        | 92    |
| Dew Point   | 272222  | 1859198 | 22.712 | 222            | 224      |                                    | 22.1   |        |        |        |        | 92    |



## PSYCHROMETRIC SUMMARY

93061                      STALLION SITE NM  
STATION                      STATION NAME

63-67, 70, 72

**YEARS**

**OCT**  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

93061                      STALLION SITE NM  
STATION                      STATION NAME

**64-66-72**

**YEARS**

DCI

PAGE 1 2100-2300  
HOURS L. S. T.

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|----|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | Dry Bulb | Wet Bulb | Dew Point |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 64/ 63       |                                     | 5.9  |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1        | 1        |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 62/ 61       |                                     |      |      |     |     |      |       |       |       |       |       | 17.6  |       |       |       |       |      | 3        | 3        | 1         | 1  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 60/ 59       |                                     | 11.6 | 11.6 |     |     |      |       |       |       | 5.9   |       |       |       |       |       |       |      | 5        | 5        | 2         | 2  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 58/ 57       |                                     |      | 5.9  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1        | 1        |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 56/ 55       |                                     |      |      |     |     |      |       |       |       | 5.9   |       |       |       |       |       |       |      | 1        | 1        | 3         |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 54/ 53       |                                     |      |      |     |     |      |       |       |       | 5.9   |       |       |       |       |       |       |      | 1        | 1        |           | 3  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 52/ 51       |                                     |      |      |     |     |      |       |       |       | 5.9   | 17.6  |       |       |       |       |       |      | 4        | 4        |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 50/ 49       |                                     |      |      |     |     |      |       |       |       | 5.9   |       |       |       |       |       |       |      | 1        | 1        |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 48/ 45       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 1         |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 44/ 43       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 3         |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 42/ 41       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 2         |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 40/ 39       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 2         |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 38/ 37       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 3         |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 36/ 29       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 28/ 27       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 26/ 25       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 3  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 24/ 23       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 1  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 22/ 21       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 3  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 20/ 19       |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 2  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| TOTAL        | 17.6                                | 17.6 |      |     |     |      | 11.6  | 29.4  | 5.9   | 17.6  |       |       |       |       |       |       |      | 17       | 17       | 17        | 17 |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |    |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061 STALLION SITE NM  
STATION STATION NAME

64,66

YEARS

NOV  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      | TOTAL     |          | TOTAL    |           |
|--------------|-------------------------------------|-----|-----|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|
|              | 0                                   | 1-2 | 3-4 | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 52/ 51       |                                     |     |     | 66.7 |     |      |       |       |       |       |       |       |       |       |       |       |      | 2         | 2        |          |           |
| 46/ 45       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 2        |           |
| 44/ 43       |                                     |     |     |      |     |      | 33.3  |       |       |       |       |       |       |       |       |       |      | 1         | 1        |          |           |
| 42/ 41       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |
| 32/ 31       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 1        |           |
| 16/ 15       |                                     |     |     |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |
| TOTAL        |                                     |     |     | 66.7 |     |      | 33.3  |       |       |       |       |       |       |       |       |       |      | 3         | 3        | 3        | 3         |

| Element (X) | Σ X <sup>2</sup> | Σ X | X̄   | σ <sub>x</sub> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|------------------|-----|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   |                  |     |      |                |          | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |       |
| Dry Bulb    | 11106            | 174 | 38.2 |                | 3        |                                    |        |        |        |        |        | 90    |
| Wet Bulb    | 7881             | 168 | 38.2 |                | 3        |                                    |        |        |        |        |        | 90    |
| Dew Point   | 2791             | 99  | 33.0 |                | 3        |                                    | 20.0   |        |        |        |        | 90    |

FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

## PSYCHROMETRIC SUMMARY

YEARS

NOV  
1964

PAGE 1 0300-0500

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 44/ 43       |                                     |       |       |       | 9.1   | 9.1    |         |         |         |         |         |         |         |         |         |         |      | 2        | 2        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 42/ 41       |                                     |       |       |       |       | 9.1    |         |         |         |         |         |         |         |         |         |         |      | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 38/ 37       |                                     |       |       | 9.1   |       |        |         |         |         |         |         |         |         |         |         |         |      | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 36/ 35       |                                     |       |       | 18.2  | 18.2  |        |         |         |         |         |         |         |         |         |         |         |      | 4        | 4        | 2         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 34/ 33       |                                     |       |       |       | 18.2  |        |         |         |         |         |         |         |         |         |         |         |      | 2        | 2        | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 32/ 31       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 3         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 30/ 29       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 2         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 28/ 27       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 2         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 26/ 25       |                                     | 9.1   |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 1        | 1        | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 24/ 23       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 3         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 22/ 21       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 20/ 19       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 2         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 18/ 17       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 16/ 15       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 1         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          | 2         |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| TOTAL        |                                     | 9.1   |       | 27.2  | 45.5  | 18.2   |         |         |         |         |         |         |         |         |         |         |      | 11       | 11       | 11        |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |          |          |           |  |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |

## PSYCHROMETRIC SUMMARY

93061                      STALLION SITE NM  
STATION                      STATION NAME

61,62-73

YEARS

**NOV**  
**MONEY**

PAGE 1 ~~0600-0800~~  
HOURS (L S T)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 56/ 55       |                                     |     |     | .7  | .7  |      |       | .4    |       |       |       |       |       |       |       |       |      | 9        | 5        |           |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 54/ 53       |                                     |     |     |     |     | .4   | .4    |       |       |       |       |       |       |       |       |       |      | 2        | 2        |           |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 52/ 51       |                                     |     | .4  | 1.1 | .4  |      |       | .7    |       |       |       |       |       |       |       |       |      | 7        | 7        |           |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 50/ 49       |                                     |     | .4  | 2.2 | .7  |      |       | .4    |       |       |       |       |       |       |       |       |      | 10       | 10       | 2         |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 48/ 47       |                                     | .4  | .7  | .4  | 2.2 | .7   | 1.4   | .4    |       |       |       |       |       |       |       |       |      | 17       | 17       | 3         |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 46/ 45       |                                     | .7  | 1.1 | 2.2 | 2.2 | 1.4  | .4    | .4    |       |       |       |       |       |       |       |       |      | 25       | 25       | 8         |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 44/ 43       |                                     | .4  | 2.2 | 3.2 | 2.9 | 3.2  | .7    |       |       |       |       |       |       |       |       |       |      | 35       | 35       | 10        |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 42/ 41       |                                     | 1.1 | 2.2 | 2.2 | 1.4 | 1.1  | .7    |       |       |       |       |       |       |       |       |       |      | 26       | 26       | 13        |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 40/ 39       |                                     | 1.1 | 1.4 | 4.7 | 2.2 | 1.1  |       |       |       |       |       |       |       |       |       |       |      | 29       | 29       | 24        |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 38/ 37       |                                     | .7  | 2.2 | 2.2 | .7  |      |       |       |       |       |       |       |       |       |       |       |      | 19       | 19       | 28        |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 36/ 35       | .4                                  | 1.1 | 2.9 | 4.2 | 1.4 |      |       |       |       |       |       |       |       |       |       |       |      | 29       | 29       | 37        |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 34/ 33       | .7                                  | 1.1 | 1.4 | 1.4 | .4  | .7   |       |       |       |       |       |       |       |       |       |       |      | 17       | 17       | 35        |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 32/ 31       | .4                                  | 1.4 | 1.4 | 1.4 | .7  |      |       |       |       |       |       |       |       |       |       |       |      | 16       | 16       | 28        |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 30/ 29       | .4                                  | 1.4 | 2.2 | 2.9 |     |      |       |       |       |       |       |       |       |       |       |       |      | 20       | 20       | 32        |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 28/ 27       |                                     | 1.4 | 1.1 | 1.4 |     |      |       |       |       |       |       |       |       |       |       |       |      | 12       | 12       | 19        |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 26/ 25       |                                     | 1.4 | .7  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 6        | 6        | 21        |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 24/ 23       |                                     |     | .7  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 2        | 2        | 14        |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 22/ 21       |                                     | .4  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1        | 1        | 5         |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          | 2         |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 0/ -1        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| TOTAL        | 1.413                               | 322 | 421 | 718 | 2   | 9.0  | 4.0   | 1.4   |       |       |       |       |       |       |       |       |      | 278      | 278      | 278       |  |  |  |  |  |  |  |  |  |  |                    |       |  |  |

| Element (X) | S <sub>1</sub> | S <sub>2</sub> | Z    | C <sub>2</sub> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|----------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 100000         | 10000          | 60.5 | 10.87          | 278      | ≤ 6 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |       |
| Dry Bulb    | 400000         | 10000          | 22.2 | 7.122          | 278      |                                    | 10.2   |        |        |        |        | 90    |
| Wet Bulb    | 200000         | 9000           | 22.1 | 6.142          | 278      |                                    | 20.2   |        |        |        |        | 90    |
| Dew Point   | 200000         | 9000           | 22.1 | 6.120          | 278      |                                    | 10.2   |        |        |        |        | 90    |

## PSYCHROMETRIC SUMMARY

~~93061~~ STALLION SITE NM  
STATION STATION NAME

**61,63-73**

YEARS

NOV  
MONTH

PAGE 1 ~~0900-1100~~  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

NOV  
MONTH

STATION

STATION NAME

**YEARS**

MONTH

PAGE 2 ~~0900-1100~~  
HOURS 11:50

**HOURS** 10:00-11:00

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

NOV  
MONTH

PAGE 1 ~~1200-1400~~

[illegible]



## PSYCHROMETRIC SUMMARY

93061      STALLION SITE NM  
STATION      STATION

61, 63-73

**NOV**  
MONTH

PAGE 2 ~~1200-1400~~  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061 STATION NAME STALLION SITE NM

61-63-73

YEARS

NOV  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |    |    |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|--------|----------|----------|-----------|--------|-------|--|--|--|--|--|--|--|--|--|--------------------|-------|----|----|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 78/ 77       |                                     |     |     |     |     |      |       |       |       |       |       |       |          | .2    | .9    | .7                                 |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 8                  |       | 8  |    |
| 76/ 75       |                                     |     |     |     |     |      |       |       |       |       |       |       |          | .2    | .4    |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 3                  |       | 3  |    |
| 74/ 73       |                                     |     |     |     |     |      |       |       |       |       |       |       |          | .2    | .4    |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 6                  |       | 6  |    |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       | .2    | .2    | .2    | 1.1      | .7    | 1.1   |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 16                 |       | 16 |    |
| 70/ 69       |                                     |     |     |     |     |      |       |       |       | .2    | .2    | 2.0   | .9       | .4    | 1.1   |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 21                 |       | 21 |    |
| 68/ 67       |                                     |     |     |     |     |      |       |       | .2    | .4    | 1.1   | 2.2   | 2.9      | 1.1   |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 37                 |       | 37 |    |
| 66/ 65       |                                     |     |     |     |     |      |       | .2    | .7    | 2.0   | 2.2   | 2.9   | 1.1      | 1.1   |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 33                 |       | 33 |    |
| 64/ 63       |                                     |     |     |     |     |      |       | .7    | 1.1   | 2.2   | 2.9   | .2    | .2       |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 42                 |       | 42 |    |
| 62/ 61       |                                     |     |     |     |     |      | .2    | .7    | 1.6   | 2.5   | 3.1   | .7    |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 39                 |       | 39 |    |
| 60/ 59       |                                     |     |     |     |     | .2   | .9    | 2.2   | 1.3   | 3.4   | .4    |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 38                 |       | 38 |    |
| 58/ 57       |                                     |     |     |     |     | .7   | .4    | 3.4   | 2.0   | 1.8   | .7    |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 40                 |       | 40 |    |
| 56/ 55       |                                     |     |     |     |     | .4   | .9    | 2.7   | .7    | .7    | .7    |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    | 27    |    | 27 |
| 54/ 53       |                                     |     |     |     |     |      | 2.0   | 2.0   | 1.3   | .2    |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    | 25    |    | 25 |
| 52/ 51       |                                     |     |     | .2  | .2  | .7   | 1.4   | 2.2   | 1.2   |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 28                 |       | 28 |    |
| 50/ 49       |                                     |     | .2  | .2  | .2  | 1.1  | 1.1   | .7    | 1.1   |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 20                 |       | 20 |    |
| 48/ 47       |                                     | .4  | .2  | .2  | .2  | 1.1  | 2.0   | .4    |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 22                 |       | 22 |    |
| 46/ 45       |                                     |     | .4  | .4  | .4  | .4   | .9    | .4    |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 17                 |       | 17 |    |
| 44/ 43       |                                     | .4  | .7  | .2  | .2  | .2   | .4    | .9    | .4    |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 12                 |       | 12 |    |
| 42/ 41       |                                     |     |     | .2  | .4  | .2   |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 4                  |       | 4  |    |
| 40/ 39       |                                     |     |     |     | .4  | .4   |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 2                  |       | 2  |    |
| 38/ 37       |                                     |     |     |     | .2  |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    | 1     |    | 1  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 34/ 33       | .2                                  |     | .4  |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 3                  |       | 3  |    |
| 32/ 31       | .2                                  |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | 1                  |       | 1  |    |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 26/ 25       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| Element (X)  | Σ H <sup>1</sup>                    |     |     | Σ H |     |      | Σ     |       |       | Σ     |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |        |          |          |           |        | Total |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       | ≤ 6 F                              | ≤ 32 F | ≤ 67 F   | ≤ 73 F   | ≤ 80 F    | ≤ 93 F |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |    |    |

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

NOV  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|----|--|--|-------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |    |  |  |       |       |  |  |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 13 |  |  |       |       |  |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 9  |  |  |       |       |  |  |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2  |  |  |       |       |  |  |
| 4/ 3         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2  |  |  |       |       |  |  |
| TOTAL        | .4                                  | .9    | 2.5   | 1.0   | 2.7   | 5.2    | 11.0    | 16.0    | 19.9    | 14.4    | 14.8    | 7.4     | 4.3     | 4.0     | .9      |         |      |           | 445      | 445      | 445       |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | 445      | 445      | 445       |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         | </      |         |         |         |         |         |         |      |           |          |          |           |    |  |  |       |       |  |  |

## PSYCHROMETRIC SUMMARY

YEARS

~~NOV~~  
~~MONTH~~

PAGE 1 1800-2000

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

NOV  
MONTH

PAGE 1 ~~2100-2300~~

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  | TOTAL |  | TOTAL |  |  |  |  |  |  |  |    |  |  |  |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|---|--|--|--|--|--|--|-------|--|-------|--|--|--|--|--|--|--|----|--|--|--|
|              | 0                                   | 1-2  | 3-4  | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 52/ 51       |                                     |      |      | 7.7  | 7.7 |      |       |       |       |       |       |       |       |       |       |       |      | 2         | 2        |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 50/ 49       |                                     |      |      | 7.7  |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 46/ 45       |                                     |      |      |      | 7.7 |      | 7.7   |       |       |       |       |       |       |       |       |       |      | 2         | 2        | 2        |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 44/ 43       |                                     | 7.7  |      |      | 7.7 |      | 7.7   |       |       |       |       |       |       |       |       |       |      | 3         | 3        | 1        |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 42/ 41       |                                     | 15.4 |      |      |     | 7.7  |       | 7.7   |       |       |       |       |       |       |       |       |      | 3         | 3        | 3        | 2         |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 40/ 39       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 1        | 4         |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 36/ 35       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 1        |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 34/ 33       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 1        |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 32/ 31       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 2        | 1         |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 30/ 29       |                                     |      |      |      | 7.7 |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 26/ 25       |                                     |      | 7.7  |      |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        |          | 1         |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 24/ 23       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 1        |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 22/ 21       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 1        |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 16/ 15       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| 14/ 13       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | 1 |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
| TOTAL        | 23.1                                | 7.7  | 23.1 | 23.1 | 7.7 | 15.4 |       |       |       |       |       |       |       |       |       |       |      | 19        | 13       | 13       | 13        |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |    |  |  |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |   |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  | </ |  |  |  |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061 STALLION SITE NM  
STATION STATION NAME

64, 66, 72

YEARS

DEC  
MONTH

PAGE 1 0000-0200  
HOURS L. S. T.

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     |     |     | 40.0 |      |      |       |       |       |       |       |       |       |       |       |       |    | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       |                                     |     |     | 20.0 |      |      |       |       |       |       |       |       |       |       |       |       |    | 1         | 1        |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 25       | 20.0                                |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |    | 1         | 1        | 2        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     |     |     |      | 20.0 |      |       |       |       |       |       |       |       |       |       |       |    | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -24/-25      |                                     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 20.0                                |     |     | 60.0 | 20.0 |      |       |       |       |       |       |       |       |       |       |       |    | 5         | 5        | 5        | 5         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | 2 X <sup>1</sup> | 2 X | X  | °s     | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|------------------|-----|----|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 100%             | 200 | 50 | 25.00% | 8        | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |       |
| Dry Bulb    | 200              | 100 | 25 | 25.00% | 8        |                                    | 25.0   |        |        |        |        | 25    |
| Wet Bulb    | 200              | 100 | 25 | 25.00% | 8        |                                    | 25.0   |        |        |        |        | 25    |
| Dew Point   | 200              | 77  | 18 | 25.00% | 8        | 12.0                               | 25.0   |        |        |        |        | 25    |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

## PSYCHROMETRIC SUMMARY

66

YEARS

DEC  
MON 11

PAGE 1 ~~0300-0500~~  
HOURS 1-5-7

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     |       |       | 66.7  |       |        |         |         |         |         |         |         |         |         |         |         |      | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       |                                     |       |       | 33.3  |       |        |         |         |         |         |         |         |         |         |         |         |      | 1         | 1        | 2        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -16/-17      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -18/-19      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -20/-21      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        |                                     |       |       | 0     |       |        |         |         |         |         |         |         |         |         |         |         |      | 3         | 3        | 3        | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

**USAFETAC** FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

**DEC**  
**MONTH**

PAGE 1 ~~0600-0000~~  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

93061      STALLION SITE NM  
STATION      STATION NAME

61-73

YEARS

**DEC**  
**MONTH**

PAGE 2 ~~0600-0800~~  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

93061 STALLION SITE NM  
STATION STATION NAME

61-73

YEARS

DEC  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | TOTAL     | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 62/ 61       |                                     |     |     |     |     |      |       | .3    |          |       |                                    |        |        |        |        |        |       |           |          | 2        | 2         |       |  |  |
| 60/ 59       |                                     |     |     |     |     |      |       | .1    |          |       |                                    |        |        |        |        |        |       |           |          | 1        | 1         |       |  |  |
| 58/ 57       |                                     |     |     |     |     | .1   |       | .4    |          | .1    |                                    |        |        |        |        |        |       |           |          | 5        | 5         |       |  |  |
| 56/ 55       |                                     |     |     |     |     | .4   |       | .7    |          | .1    |                                    | .4     |        | .1     |        |        |       |           |          | 15       | 15        |       |  |  |
| 54/ 53       |                                     |     |     | .3  |     | .1   |       | .9    |          | .3    |                                    | .3     |        | .1     |        |        |       |           |          | 18       | 18        |       |  |  |
| 52/ 51       |                                     |     | .1  |     |     | .9   |       | .4    |          | 1.2   |                                    | .4     |        | .3     |        |        |       |           |          | 29       | 29        |       |  |  |
| 50/ 49       |                                     |     |     | .3  |     | .4   |       | 1.0   |          | .9    |                                    | .9     |        | .3     |        |        |       |           |          | 26       | 26        | 3     |  |  |
| 48/ 47       |                                     |     | .7  |     | .6  | .9   |       | .7    |          | 2.6   |                                    | .7     |        | .1     |        | .1     |       |           |          | 45       | 45        | 3     |  |  |
| 46/ 45       |                                     |     | .7  |     | .6  | .6   |       | 1.8   |          | 2.2   |                                    | .7     |        |        |        |        |       |           |          | 45       | 45        | 17    |  |  |
| 44/ 43       |                                     | .4  | .6  |     | .7  | .9   |       | 2.0   |          | 1.3   |                                    | .3     |        |        |        |        |       |           |          | 43       | 43        | 20    |  |  |
| 42/ 41       | .1                                  | .3  | .6  |     | 1.9 | 2.3  |       | 3.1   |          | .9    |                                    | .1     |        |        |        |        |       |           |          | 64       | 64        | 32    |  |  |
| 40/ 39       | .1                                  | 1.2 | .9  |     | 1.8 | 3.8  |       | 1.9   |          | .4    |                                    |        |        |        |        |        |       |           |          | 69       | 69        | 29    |  |  |
| 38/ 37       | .1                                  | 1.0 | .9  |     | 1.6 | 1.9  |       | 1.3   |          | .2    |                                    |        |        |        |        |        |       |           |          | 50       | 50        | 60    |  |  |
| 36/ 35       | .6                                  | .4  | 2.8 |     | 1.0 | 1.9  |       | .7    |          | .1    |                                    |        |        |        |        |        |       |           |          | 51       | 51        | 74    |  |  |
| 34/ 33       | .1                                  | 1.8 | 1.6 |     | 2.8 | 1.9  |       | .4    |          |       |                                    |        |        |        |        |        |       |           |          | 59       | 59        | 72    |  |  |
| 32/ 31       | .6                                  | 1.3 | .6  |     | 2.6 | 1.2  |       | .6    |          |       |                                    |        |        |        |        |        |       |           |          | 46       | 46        | 108   |  |  |
| 30/ 29       | .9                                  | .9  | 2.8 |     | 1.0 | .9   |       |       |          |       |                                    |        |        |        |        |        |       |           |          | 36       | 36        | 61    |  |  |
| 28/ 27       | .6                                  | .9  | 1.8 |     | 1.6 | .7   |       |       |          |       |                                    |        |        |        |        |        |       |           |          | 37       | 37        | 66    |  |  |
| 26/ 25       |                                     | .6  | .7  |     | .8  | .3   |       |       |          |       |                                    |        |        |        |        |        |       |           |          | 13       | 13        | 45    |  |  |
| 24/ 23       |                                     | .6  | .3  |     | .8  |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          | 10       | 10        | 37    |  |  |
| 22/ 21       |                                     | 1.2 | .3  |     | .3  |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          | 12       | 12        | 29    |  |  |
| 20/ 19       | .1                                  | .1  | .1  |     | .1  |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          | 4        | 4         | 12    |  |  |
| 18/ 17       |                                     |     |     |     | .1  |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          | 1        | 1         | 9     |  |  |
| 16/ 15       |                                     | .1  | .1  |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          | 2        | 2         | 3     |  |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           | 1     |  |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           | 2     |  |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| 4/ 3         |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| 2/ 1         |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| 0/ 0         |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| -2/ -3       |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| -4/ -5       |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | °     |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |          |       | ≤ 0 F                              | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |           |          |          |           |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

93061      STALLION SITE NM  
STATION      STATION NAME

**61-72**

YEARS

~~DEC~~  
~~MON~~

PAGE 2 ~~0900-1100~~  
HOURS U.S.A.

[illegible]

## PSYCHROMETRIC SUMMARY

**YEARS**

~~DEC~~

PAGE 1 ~~1200-1400~~

[illegible]

## PSYCHROMETRIC SUMMARY

**93061**  
STATION

STALLION SITE NM

STATION NAME

61-73

YEARS

DEC  
MONTH

PAGE 2 ~~1200-1400~~  
HOURS (L.S.D.)

**1200-1400**  
**HOURS (L.S.T.)**

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | TOTAL    |          | TOTAL     |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |
| 2 / 1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 12        |  |  |
| 0 / -1       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 9         |  |  |
| -2 / -3      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 4         |  |  |
| -4 / -5      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |  |
| -6 / -7      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |  |
| -10 / -11    |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |  |
| -12 / -13    |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |  |
| -18 / -19    |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |  |
| TOTAL        | 1.5                                 | 4.2   | 3.9   | 6.6   | 9.5   | 17.1   | 16.1    | 11.7    | 7.2     | 3.0     | .9      |         |         |         |         |         |      | 663       | 663      | 663      | 663       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

~~1500-1700~~

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           | TOTAL    |          | TOTAL     |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |
| 68/ 67       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 3         | 3        |          |           |  |  |
| 66/ 65       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 5         | 5        |          |           |  |  |
| 64/ 63       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 12        | 12       |          |           |  |  |
| 62/ 61       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 9         | 9        |          |           |  |  |
| 60/ 59       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 22        | 22       |          |           |  |  |
| 58/ 57       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 38        | 38       |          |           |  |  |
| 56/ 55       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 41        | 41       |          |           |  |  |
| 54/ 53       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 46        | 46       |          |           |  |  |
| 52/ 51       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 44        | 44       | 4        |           |  |  |
| 50/ 49       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 42        | 42       | 7        |           |  |  |
| 48/ 47       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 30        | 30       | 13       | 1         |  |  |
| 46/ 45       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 20        | 20       | 19       |           |  |  |
| 44/ 43       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 21        | 21       | 26       | 2         |  |  |
| 42/ 41       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 31        | 31       | 47       | 4         |  |  |
| 40/ 39       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 21        | 21       | 62       | 10        |  |  |
| 38/ 37       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 15        | 15       | 76       | 7         |  |  |
| 36/ 35       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 7         | 7        | 50       | 7         |  |  |
| 34/ 33       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 13        | 13       | 43       | 20        |  |  |
| 32/ 31       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 4         | 4        | 37       | 15        |  |  |
| 30/ 29       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 9         | 9        | 25       | 20        |  |  |
| 28/ 27       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 2         | 2        | 10       | 16        |  |  |
| 26/ 25       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 2         | 2        | 14       | 22        |  |  |
| 24/ 23       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          | 3        | 31        |  |  |
| 22/ 21       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          | 1        | 40        |  |  |
| 20/ 19       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 37        |  |  |
| 18/ 17       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 14        |  |  |
| 16/ 15       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 32        |  |  |
| 14/ 13       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 23        |  |  |
| 12/ 11       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 26        |  |  |
| 10/ 9        |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 24        |  |  |
| 8/ 7         |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 12        |  |  |
| 6/ 5         |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 7         |  |  |
| 4/ 3         |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 5         |  |  |
| 2/ 1         |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 9         |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | σ <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |                |       |          |       | ≤ 6 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |           |          |          |           |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |  |  |
| Dew Point    |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |  |  |

## PSYCHROMETRIC SUMMARY

93061                      STALLION SITE NM  
STATION                      STATION NAME

**61-73**

YEARS

DEC  
MONTH

PAGE 2 1500-1700

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  | TOTAL | TOTAL |     |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|-------|-----|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |       |       |     |  |
| 0/-1         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       | 4     |     |  |
| -2/-3        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       | 5     |     |  |
| -4/-5        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       | 3     |     |  |
| -6/-7        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       | 2     |     |  |
| -10/-11      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       | 2     |     |  |
| -14/-15      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       | 2     |     |  |
| -24/-25      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       | 1     |     |  |
| TOTAL        | 1.4                                 | 4.6 | 3.2 | 3.9 | 8.7 | 13.0 | 12.1  | 16.7  | 21.3  | 7.6   | 4.6   | 2.3   | .2    |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       | 437   |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       | 437 |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |       |       |     |  |

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 1800-2000  
HOURS L. S. T.

| Temp. <sup>1</sup><br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          | TOTAL    | TOTAL     |  |  |
|---------------------------|-------------------------------------|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|
|                           | 0                                   | 1-2 | 3-4 | 5-6 | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |
| 60/ 39                    |                                     |     |     |     |      |      | 9.1   |       |       |       | 4.5   |       |       |       |       |       |     | 3         | 3        |          |           |  |  |
| 54/ 33                    |                                     |     |     |     |      |      |       |       | 9.1   |       |       |       |       |       |       |       |     | 2         | 3        |          |           |  |  |
| 52/ 31                    |                                     |     |     |     |      |      |       | 4.5   |       |       |       |       |       |       |       |       |     | 1         | 1        |          |           |  |  |
| 50/ 29                    |                                     |     |     |     |      |      |       | 4.5   |       |       |       |       |       |       |       |       |     | 1         | 1        | 2        |           |  |  |
| 48/ 27                    |                                     |     |     |     |      | 4.5  |       |       |       |       |       |       |       |       |       |       |     | 1         | 1        |          |           |  |  |
| 44/ 23                    |                                     |     |     |     | 4.5  |      |       | 9.1   |       |       |       |       |       |       |       |       |     | 3         | 3        |          |           |  |  |
| 42/ 21                    |                                     |     |     | 4.5 |      |      | 9.1   |       |       |       |       |       |       |       |       |       |     | 3         | 3        |          |           |  |  |
| 40/ 19                    |                                     |     |     |     |      |      | 4.5   |       |       |       |       |       |       |       |       |       |     | 1         | 1        | 3        | 1         |  |  |
| 38/ 17                    |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           | 3        | 1        |           |  |  |
| 34/ 13                    |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           | 2        |          |           |  |  |
| 34/ 33                    |                                     | 9.1 |     |     | 4.5  |      |       |       |       |       |       |       |       |       |       |       |     | 3         | 3        |          |           |  |  |
| 32/ 31                    |                                     | 4.5 |     |     |      | 4.5  |       |       |       |       |       |       |       |       |       |       |     | 2         | 2        | 6        |           |  |  |
| 30/ 29                    |                                     | 4.5 | 4.5 |     |      |      |       |       |       |       |       |       |       |       |       |       |     | 2         | 2        | 3        | 3         |  |  |
| 28/ 27                    |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 2         |  |  |
| 26/ 25                    |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          | 2        | 1         |  |  |
| 24/ 23                    |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 2         |  |  |
| 22/ 21                    |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          | 1        |           |  |  |
| 20/ 19                    |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 1         |  |  |
| 18/ 17                    |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 2         |  |  |
| 16/ 15                    |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 1         |  |  |
| 14/ 13                    |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 6         |  |  |
| 12/ 11                    |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 1         |  |  |
| -8/ -9                    |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 1         |  |  |
| TOTAL                     | 18.2                                | 4.5 | 4.5 | 9.1 | 22.7 | 18.2 | 9.1   | 9.1   |       |       | 4.5   |       |       |       |       |       |     | 22        | 22       | 22       | 22        |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |
|                           |                                     |     |     |     |      |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |



## PSYCHROMETRIC SUMMARY

**93061**  
STATION

**STALLION SITE NM**

64, 66, 72

DEC  
MONTH

PAGE 1 ~~2100-2300~~  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93061 STALLION SITE NM

61-73

| STATION   |           | STATION NAME |        |        |        |       |       |       |       |       |        |        |        | YEARS  |  |
|-----------|-----------|--------------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--|
| HRS (LST) |           | JAN          | FEB    | MAR.   | APR.   | MAY   | JUN   | JUL   | AUG   | SEP.  | OCT.   | NOV    | DEC    | ANNUAL |  |
| 00-02     | MEAN      | 25.1         | 30.5   | 37.9   | 42.5   | 58.5  | 64.5  | 69.5  | 69.5  | 60.5  | 50.0   | 48.3   | 32.2   | 34.4   |  |
|           | S.D.      | 5.793        | 11.692 | 7.549  |        | 4.223 | 4.859 | 4.836 | 4.548 | 6.947 | 7.416  |        | 11.300 | 15.916 |  |
|           | TOTAL OBS | 8            | 6      | 10     | 2      | 10    | 10    | 17    | 20    | 16    | 3      | 3      | 3      | 112    |  |
| 03-05     | MEAN      | 24.2         | 31.9   | 40.9   | 43.5   | 52.9  | 59.8  | 66.7  | 63.3  | 57.8  | 46.9   | 36.8   | 16.0   | 31.1   |  |
|           | S.D.      | 6.647        | 10.111 | 7.083  | 6.207  | 5.213 | 5.769 | 2.584 | 2.494 | 5.923 | 6.377  | 5.134  |        | 13.326 |  |
|           | TOTAL OBS | 10           | 14     | 29     | 21     | 20    | 17    | 21    | 42    | 24    | 23     | 11     | 3      | 273    |  |
| 06-08     | MEAN      | 26.7         | 32.4   | 39.7   | 51.3   | 60.8  | 69.5  | 72.6  | 69.0  | 61.7  | 50.9   | 39.2   | 29.3   | 53.6   |  |
|           | S.D.      | 10.192       | 8.733  | 8.888  | 7.436  | 7.171 | 6.259 | 4.886 | 4.633 | 5.883 | 7.405  | 7.158  | 8.335  | 16.974 |  |
|           | TOTAL OBS | 327          | 291    | 406    | 413    | 527   | 505   | 509   | 553   | 428   | 427    | 278    | 275    | 4943   |  |
| 09-11     | MEAN      | 38.1         | 42.7   | 50.5   | 61.2   | 71.2  | 79.0  | 81.2  | 78.6  | 72.2  | 62.3   | 49.5   | 39.0   | 61.2   |  |
|           | S.D.      | 10.136       | 9.573  | 10.261 | 8.149  | 7.439 | 6.438 | 5.515 | 5.136 | 6.036 | 8.703  | 8.333  | 6.334  | 17.344 |  |
|           | TOTAL OBS | 730          | 667    | 866    | 816    | 823   | 808   | 802   | 898   | 684   | 724    | 666    | 683    | 9169   |  |
| 12-14     | MEAN      | 47.2         | 50.8   | 58.1   | 67.7   | 77.6  | 83.4  | 87.6  | 84.8  | 78.5  | 69.7   | 57.5   | 47.7   | 68.4   |  |
|           | S.D.      | 10.228       | 10.424 | 10.833 | 8.341  | 7.422 | 6.870 | 5.646 | 5.177 | 6.036 | 8.696  | 8.307  | 6.588  | 16.623 |  |
|           | TOTAL OBS | 767          | 883    | 980    | 809    | 813   | 813   | 799   | 846   | 685   | 717    | 670    | 665    | 9111   |  |
| 15-17     | MEAN      | 49.4         | 52.6   | 60.3   | 69.4   | 78.9  | 86.5  | 88.7  | 83.7  | 79.3  | 71.4   | 58.9   | 49.3   | 67.9   |  |
|           | S.D.      | 10.244       | 10.956 | 11.242 | 8.446  | 7.069 | 7.638 | 6.113 | 6.178 | 6.488 | 8.564  | 8.701  | 8.346  | 16.341 |  |
|           | TOTAL OBS | 469          | 446    | 347    | 483    | 363   | 382   | 379   | 402   | 339   | 384    | 443    | 427    | 2049   |  |
| 18-20     | MEAN      | 35.7         | 40.6   | 55.4   | 62.5   | 71.7  | 80.0  | 83.4  | 79.1  | 73.3  | 64.0   | 48.9   | 43.4   | 63.9   |  |
|           | S.D.      | 8.279        | 9.023  | 10.938 | 6.829  | 6.469 | 7.783 | 6.892 | 5.644 | 5.843 | 4.890  | 7.993  | 10.103 | 16.463 |  |
|           | TOTAL OBS | 20           | 21     | 28     | 17     | 22    | 22    | 28    | 24    | 21    | 23     | 29     | 22     | 460    |  |
| 21-23     | MEAN      | 31.1         | 34.5   | 48.6   | 54.0   | 61.1  | 70.0  | 78.0  | 72.7  | 65.7  | 54.9   | 42.6   | 35.3   | 60.2   |  |
|           | S.D.      | 6.244        | 8.941  | 8.997  | 8.482  | 4.576 | 4.793 | 4.389 | 3.537 | 5.336 | 4.389  | 7.600  | 8.930  | 14.727 |  |
|           | TOTAL OBS | 12           | 10     | 27     | 11     | 23    | 23    | 20    | 29    | 22    | 17     | 13     | 9      | 262    |  |
| ALL HOURS | MEAN      | 41.5         | 48.7   | 53.1   | 62.9   | 71.8  | 80.0  | 82.8  | 79.2  | 72.8  | 63.7   | 52.3   | 42.6   | 63.2   |  |
|           | S.D.      | 12.772       | 12.176 | 12.340 | 10.482 | 9.493 | 9.304 | 8.289 | 8.283 | 8.997 | 11.163 | 10.697 | 10.922 | 17.739 |  |
|           | TOTAL OBS | 2368         | 2160   | 2783   | 2884   | 2647  | 2622  | 2808  | 2816  | 2273  | 2202   | 2123   | 2099   | 29264  |  |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93061 STALLION SITE NM

61-73

| STATION   | STATION NAME | YEARS |        |       |       |       |       |       |       |       |        |       |        |        |
|-----------|--------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|
| HRS (LST) |              | JAN   | FEB    | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT    | NOV   | DEC    | ANNUAL |
| 00-02     | MEAN         | 23.4  | 28.5   | 28.7  | 30.5  | 46.4  | 52.5  | 58.0  | 57.5  | 52.8  | 43.8   | 41.3  | 27.6   | 46.0   |
|           | S.D.         | 5.829 | 12.341 | 4.029 |       | 8.017 | 3.536 | 7.697 | 4.524 | 8.274 | 10.756 |       | 11.480 | 14.311 |
|           | TOTAL OBS    | 8     | 6      | 10    | 2     | 10    | 10    | 17    | 20    | 16    | 5      | 3     | 5      | 112    |
| 03-05     | MEAN         | 23.0  | 27.6   | 31.0  | 33.6  | 42.4  | 49.0  | 60.6  | 58.5  | 50.9  | 38.6   | 30.4  | 10.3   | 43.6   |
|           | S.D.         | 5.794 | 8.949  | 5.333 | 3.784 | 6.413 | 4.593 | 2.778 | 2.491 | 6.900 | 6.992  | 3.613 |        | 13.391 |
|           | TOTAL OBS    | 10    | 14     | 29    | 31    | 30    | 17    | 31    | 42    | 34    | 21     | 11    | 3      | 273    |
| 06-08     | MEAN         | 23.9  | 27.7   | 31.9  | 39.4  | 46.3  | 54.1  | 61.9  | 60.0  | 54.0  | 43.1   | 33.7  | 23.7   | 44.5   |
|           | S.D.         | 5.719 | 7.430  | 6.460 | 5.314 | 5.921 | 5.216 | 2.560 | 3.138 | 5.763 | 6.683  | 6.141 | 7.770  | 14.002 |
|           | TOTAL OBS    | 319   | 291    | 406   | 413   | 327   | 303   | 309   | 322   | 428   | 427    | 278   | 275    | 4933   |
| 09-11     | MEAN         | 31.0  | 34.0   | 37.8  | 44.0  | 50.7  | 57.0  | 63.8  | 62.5  | 57.9  | 48.5   | 39.4  | 32.0   | 47.0   |
|           | S.D.         | 7.921 | 6.886  | 6.266 | 4.728 | 5.251 | 4.937 | 2.013 | 2.617 | 4.938 | 6.280  | 5.626 | 6.604  | 12.633 |
|           | TOTAL OBS    | 742   | 686    | 866   | 813   | 825   | 808   | 802   | 828   | 683   | 724    | 666   | 683    | 9157   |
| 12-14     | MEAN         | 35.9  | 37.8   | 41.1  | 48.2  | 52.4  | 58.1  | 64.3  | 63.2  | 59.1  | 51.1   | 42.9  | 36.6   | 49.5   |
|           | S.D.         | 7.303 | 6.702  | 6.016 | 4.313 | 4.551 | 4.281 | 2.066 | 2.572 | 4.611 | 5.641  | 5.020 | 5.699  | 11.184 |
|           | TOTAL OBS    | 741   | 685    | 858   | 804   | 809   | 812   | 799   | 846   | 684   | 717    | 670   | 645    | 9090   |
| 15-17     | MEAN         | 36.8  | 38.5   | 42.0  | 48.6  | 52.7  | 58.0  | 63.9  | 62.6  | 59.0  | 50.9   | 43.2  | 37.2   | 48.4   |
|           | S.D.         | 7.000 | 6.612  | 5.913 | 4.248 | 3.973 | 4.023 | 2.217 | 2.612 | 4.286 | 5.039  | 4.877 | 5.930  | 10.709 |
|           | TOTAL OBS    | 487   | 465    | 544   | 478   | 363   | 380   | 379   | 402   | 329   | 354    | 445   | 427    | 3033   |
| 18-20     | MEAN         | 29.9  | 30.0   | 39.6  | 43.5  | 50.4  | 54.5  | 61.7  | 61.1  | 56.7  | 48.7   | 38.6  | 34.3   | 48.6   |
|           | S.D.         | 7.194 | 6.103  | 5.006 | 3.939 | 4.447 | 3.165 | 3.096 | 3.066 | 5.423 | 5.393  | 5.642 | 6.755  | 11.360 |
|           | TOTAL OBS    | 20    | 21     | 28    | 17    | 22    | 30    | 38    | 26    | 31    | 33     | 29    | 22     | 427    |
| 21-23     | MEAN         | 27.8  | 28.2   | 36.1  | 39.3  | 46.3  | 51.2  | 59.3  | 60.0  | 53.6  | 46.9   | 36.6  | 30.2   | 47.9   |
|           | S.D.         | 7.436 | 9.449  | 4.843 | 5.628 | 3.049 | 4.336 | 4.531 | 3.791 | 6.696 | 8.721  | 7.534 | 6.476  | 12.191 |
|           | TOTAL OBS    | 12    | 10     | 27    | 11    | 22    | 22    | 30    | 29    | 38    | 17     | 13    | 9      | 261    |
| ALL HOURS | MEAN         | 32.7  | 32.2   | 38.7  | 44.3  | 50.3  | 56.7  | 63.4  | 62.1  | 57.5  | 48.3   | 40.3  | 33.7   | 47.6   |
|           | S.D.         | 6.792 | 7.782  | 7.014 | 5.265 | 5.684 | 4.831 | 2.560 | 3.049 | 5.424 | 6.745  | 6.267 | 7.431  | 12.253 |
|           | TOTAL OBS    | 2220  | 2188   | 2778  | 2869  | 2829  | 2616  | 2808  | 2816  | 2273  | 2202   | 2123  | 2099   | 20290  |

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93061 STALLION SITE NM

01-73

| STATION   | STATION NAME | YEARS       |        |              |              |              |             |             |             |             |        |        |        |        |
|-----------|--------------|-------------|--------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|--------|--------|--------|--------|
| HRS (LST) |              | JAN         | FEB    | MAR          | APR          | MAY          | JUN         | JUL         | AUG         | SEP         | OCT    | NOV    | DEC    | ANNUAL |
| 00-02     | MEAN         | 19.0        | 24.0   | 12.4         | 9.0          | 30.6         | 41.9        | 48.7        | 51.5        | 45.9        | 36.4   | 33.0   | 15.4   | 36.7   |
|           | S. D.        | 7.91015.492 | 9.471  |              |              | 19.30610.236 | 14.970      | 8.91812.301 | 16.149      |             |        | 23.860 | 18.802 |        |
|           | TOTAL OBS    | 8           | 6      | 10           | 2            | 10           | 10          | 17          | 20          | 16          | 5      | 3      | 5      | 112    |
| 03-05     | MEAN         | 19.8        | 19.9   | 13.7         | 17.3         | 28.4         | 38.6        | 56.8        | 55.4        | 44.5        | 27.8   | 19.7   | -18.3  | 33.9   |
|           | S. D.        | 6.64711.007 | 8.469  | 9.43013.926  | 8.959        | 4.956        | 4.14310.088 | 10.613      | 4.149       |             |        |        | 19.073 |        |
|           | TOTAL OBS    | 10          | 14     | 29           | 21           | 20           | 17          | 21          | 42          | 24          | 23     | 11     | 3      | 275    |
| 06-08     | MEAN         | 16.7        | 19.1   | 19.2         | 23.3         | 30.1         | 40.8        | 55.2        | 54.3        | 47.8        | 34.4   | 25.7   | 17.9   | 34.5   |
|           | S. D.        | 11.068      | 9.676  | 9.36210.104  | 12.288       | 11.111       | 5.678       | 5.649       | 8.76510.096 | 8.52011.066 |        |        | 16.881 |        |
|           | TOTAL OBS    | 319         | 291    | 406          | 413          | 527          | 505         | 509         | 555         | 428         | 427    | 278    | 275    | 4933   |
| 09-11     | MEAN         | 19.3        | 20.7   | 20.1         | 23.0         | 30.0         | 38.9        | 53.5        | 52.7        | 47.6        | 34.7   | 26.7   | 20.7   | 32.6   |
|           | S. D.        | 10.249      | 10.048 | 9.382        | 9.97811.995  | 11.627       | 5.304       | 5.790       | 8.98210.433 | 8.174       | 9.731  |        | 15.773 |        |
|           | TOTAL OBS    | 743         | 686    | 866          | 813          | 825          | 808         | 803         | 838         | 682         | 724    | 666    | 683    | 9158   |
| 12-14     | MEAN         | 19.2        | 19.5   | 18.4         | 20.2         | 27.0         | 35.8        | 50.4        | 49.9        | 45.1        | 33.2   | 25.6   | 20.6   | 30.6   |
|           | S. D.        | 10.318      | 10.324 | 10.007       | 10.37111.718 | 11.977       | 6.232       | 6.475       | 9.20910.775 | 8.191       | 9.692  |        | 15.402 |        |
|           | TOTAL OBS    | 761         | 685    | 888          | 804          | 809          | 812         | 799         | 846         | 884         | 717    | 670    | 665    | 9090   |
| 15-17     | MEAN         | 18.2        | 18.2   | 17.3         | 18.3         | 26.1         | 31.9        | 46.3        | 47.7        | 44.0        | 30.8   | 24.3   | 19.3   | 27.8   |
|           | S. D.        | 10.607      | 10.800 | 10.30911.289 | 11.809       | 12.438       | 7.219       | 7.641       | 9.84510.686 | 8.41510.605 |        |        | 15.311 |        |
|           | TOTAL OBS    | 467         | 445    | 344          | 478          | 363          | 380         | 279         | 402         | 339         | 354    | 445    | 427    | 8033   |
| 18-20     | MEAN         | 19.5        | 9.7    | 16.8         | 16.6         | 26.6         | 30.8        | 46.4        | 48.9        | 43.4        | 32.4   | 24.3   | 20.4   | 31.1   |
|           | S. D.        | 12.163      | 10.929 | 10.15711.342 | 16.004       | 11.300       | 11.479      | 9.21011.462 | 13.012      | 10.704      | 10.300 |        | 16.701 |        |
|           | TOTAL OBS    | 80          | 21     | 28           | 17           | 22           | 20          | 28          | 34          | 31          | 21     | 27     | 22     | 427    |
| 21-23     | MEAN         | 19.7        | 13.6   | 17.3         | 19.3         | 27.3         | 31.4        | 46.2        | 51.3        | 47.4        | 35.0   | 28.2   | 22.0   | 34.9   |
|           | S. D.        | 16.002      | 7.481  | 6.90811.159  | 7.485        | 9.579        | 11.465      | 8.26812.813 | 16.685      | 12.458      | 7.141  |        | 16.079 |        |
|           | TOTAL OBS    | 12          | 10     | 27           | 11           | 23           | 22          | 20          | 29          | 38          | 17     | 13     | 9      | 261    |
| ALL HOURS | MEAN         | 18.7        | 19.3   | 18.7         | 21.2         | 24.3         | 37.3        | 52.0        | 51.4        | 46.2        | 35.3   | 25.4   | 20.0   | 31.5   |
|           | S. D.        | 10.518      | 10.398 | 9.82910.622  | 12.271       | 12.071       | 6.808       | 6.777       | 9.45310.719 | 8.40210.291 |        |        | 16.003 |        |
|           | TOTAL OBS    | 2220        | 2188   | 2778         | 2269         | 2439         | 2614        | 2609        | 2816        | 2272        | 2302   | 2125   | 2099   | 29299  |

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

93061 STALLION SITE NM  
STATION STATION NAME

61-73  
PERIOD

ALL  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--|------|------|------|------|------|------|------|------|------------------------------|-------------------------|
|        |                   | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                         |
| JAN    | ALL               | 99.8   | 93.9 | 80.4 | 71.3 | 62.4 | 49.8 | 39.0 | 25.0 | 10.0 | 58.4                         | 2320                    |
| FEB    |                   | 98.1   | 85.1 | 70.2 | 57.8 | 45.9 | 35.3 | 17.1 | 11.5 | 5.3  | 48.2                         | 2158                    |
| MAR    |                   | 95.0   | 71.2 | 43.3 | 27.7 | 17.7 | 8.7  | 5.3  | 3.8  | 1.1  | 32.8                         | 2778                    |
| APR    |                   | 88.4   | 63.2 | 22.7 | 13.7 | 10.3 | 6.3  | 3.3  | 2.1  | .1   | 26.5                         | 2569                    |
| MAY    |                   | 84.9   | 55.4 | 39.3 | 28.3 | 18.3 | 9.2  | 2.9  | .7   | .1   | 29.6                         | 2639                    |
| JUN    |                   | 89.8   | 61.3 | 41.9 | 26.9 | 18.3 | 12.7 | 6.1  | 3.0  | 1.6  | 31.5                         | 2614                    |
| JUL    |                   | 98.3   | 87.0 | 67.6 | 51.9 | 38.8 | 24.8 | 11.8 | 6.8  | .8   | 44.0                         | 2605                    |
| AUG    |                   | 99.6   | 92.4 | 77.2 | 59.9 | 43.4 | 31.2 | 21.5 | 11.8 | 4.1  | 49.3                         | 2816                    |
| SEP    |                   | 99.6   | 92.4 | 77.0 | 60.5 | 42.9 | 29.8 | 18.2 | 10.9 | 2.0  | 48.7                         | 2273                    |
| OCT    |                   | 98.9   | 83.6 | 63.3 | 43.9 | 29.9 | 22.8 | 16.4 | 12.4 | 3.2  | 43.3                         | 2302                    |
| NOV    |                   | 99.3   | 90.5 | 77.1 | 57.9 | 40.3 | 29.2 | 20.8 | 6.5  | 3.0  | 47.3                         | 2123                    |
| DEC    |                   | 99.3   | 82.3 | 67.8 | 53.0 | 36.3 | 30.1 | 18.7 | 13.9 | 6.6  | 46.4                         | 2099                    |
| TOTALS |                   | 96.0   | 79.9 | 60.7 | 46.4 | 33.7 | 24.2 | 15.1 | 9.0  | 3.1  | 42.2                         | 29298                   |

## RELATIVE HUMIDITY

**93061**  
**STATION**

STALLION SITE NM

62-73

JAN

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
|        |                   | 10%  | 20%   | 30%   | 40%   | 50%   | 60%  | 70%  | 80%  | 90%  |                              |                         |
| JAN    | 00-02             | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 87.5 | 87.5 | 62.5 | 12.5 | 77.9                         | 8                       |
|        | 03-05             | 100.0  | 100.0 | 100.0 | 100.0 | 90.0  | 90.0 | 90.0 | 60.0 | 50.0 | 84.4                         | 10                      |
|        | 06-08             | 100.0  | 99.7  | 98.4  | 93.7  | 82.1  | 61.4 | 42.9 | 21.6 | 8.5  | 66.0                         | 319                     |
|        | 09-11             | 100.0  | 97.7  | 86.8  | 63.8  | 40.2  | 24.9 | 13.1 | 7.9  | 2.4  | 49.2                         | 743                     |
|        | 12-14             | 99.5   | 87.2  | 54.0  | 26.5  | 10.1  | 8.8  | 5.8  | 2.7  | .9   | 33.6                         | 741                     |
|        | 15-17             | 98.5   | 74.9  | 40.7  | 22.9  | 12.6  | 7.5  | 4.5  | 1.9  | .9   | 32.0                         | 467                     |
|        | 18-20             | 100.0  | 100.0 | 80.0  | 80.0  | 75.0  | 35.0 | 10.0 | 10.0 | 5.0  | 54.9                         | 20                      |
|        | 21-23             | 100.0  | 91.7  | 83.3  | 83.3  | 83.3  | 83.3 | 30.3 | 33.3 |      | 67.0                         | 12                      |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
| TOTALS |                   | 99.8   | 93.9  | 80.4  | 71.3  | 62.4  | 49.8 | 39.8 | 25.0 | 10.0 | 38.4                         | 2320                    |

**USAFETAC**FORMS  
 512-44

**0-87-5 (OL A)**

## RELATIVE HUMIDITY

**93061**  
**STATION**

STALLION SITE NM

STATION NAME

**62-73**

PERIOD

PER

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
|        |                   | 10%  | 20%   | 30%   | 40%   | 50%   | 60%  | 70%  | 80%  | 90%  |                              |                         |
| FEB    | 00-02             | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 83.3 | 50.0 | 50.0 | 16.7 | 76.3                         | 6                       |
|        | 03-05             | 100.0  | 100.0 | 100.0 | 100.0 | 71.4  | 64.3 | 21.4 | 7.1  | 7.1  | 62.4                         | 14                      |
|        | 06-08             | 100.0  | 99.3  | 94.8  | 86.3  | 72.5  | 50.5 | 28.5 | 13.4 | 4.8  | 60.3                         | 291                     |
|        | 09-11             | 99.3   | 94.0  | 76.4  | 53.4  | 34.7  | 20.7 | 12.0 | 6.6  | 1.9  | 45.3                         | 686                     |
|        | 12-14             | 96.6   | 73.2  | 44.1  | 23.9  | 14.9  | 9.3  | 4.7  | 2.3  | .7   | 32.7                         | 685                     |
|        | 15-17             | 92.9   | 64.9  | 33.0  | 20.0  | 14.6  | 9.7  | 5.4  | 2.7  | 1.1  | 30.1                         | 445                     |
|        | 18-20             | 95.2   | 57.1  | 42.9  | 28.6  | 19.0  | 14.3 | 4.8  |      |      | 32.4                         | 21                      |
|        | 21-23             | 100.0  | 70.0  | 70.0  | 30.0  | 40.0  | 30.0 | 10.0 | 10.0 | 10.0 | 45.9                         | 10                      |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
| TOTALS |                   | 98.1   | 85.1  | 70.2  | 57.8  | 45.9  | 35.3 | 17.1 | 11.5 | 5.3  | 48.2                         | 2150                    |

**USAFETAC**

FORM 990

**0-87-5 (OL A)**

## RELATIVE HUMIDITY

61-73

MAR  
MONTH

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |     |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--|-------|------|------|------|------|------|-----|-----|------------------------------|-------------------------|
|        |                   | 10%  | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80% | 90% |                              |                         |
| MAR    | 00-02             | 100.0  | 100.0 | 60.0 | 30.0 | 30.0 |      |      |     |     | 37.4                         | 10                      |
|        | 03-05             | 100.0  | 93.1  | 51.7 | 31.0 | 6.9  | 6.9  |      |     |     | 34.6                         | 29                      |
|        | 06-08             | 100.0  | 95.6  | 75.4 | 56.4 | 38.2 | 24.6 | 15.0 | 8.1 | 2.5 | 47.3                         | 406                     |
|        | 09-11             | 98.4   | 74.6  | 46.7 | 29.1 | 17.1 | 10.3 | 5.9  | 3.1 | .5  | 34.1                         | 866                     |
|        | 12-14             | 90.3   | 48.8  | 23.8 | 13.3 | 7.5  | 4.5  | 3.3  | 2.0 | .8  | 24.9                         | 858                     |
|        | 15-17             | 82.7   | 39.8  | 21.3 | 12.1 | 7.7  | 5.0  | 2.6  | 2.0 | .9  | 22.8                         | 544                     |
|        | 18-20             | 92.1   | 36.8  | 24.2 | 23.7 | 15.8 | 10.5 | 7.9  | 7.9 |     | 28.3                         | 38                      |
|        | 21-23             | 96.3   | 81.5  | 33.3 | 25.9 | 18.3 | 7.4  | 7.4  | 7.4 | 3.7 | 33.2                         | 27                      |
|        |                   |  |       |      |      |      |      |      |     |     |                              |                         |
|        |                   |  |       |      |      |      |      |      |     |     |                              |                         |
|        |                   |  |       |      |      |      |      |      |     |     |                              |                         |
|        |                   |  |       |      |      |      |      |      |     |     |                              |                         |
|        |                   |  |       |      |      |      |      |      |     |     |                              |                         |
| TOTALS |                   | 95.0   | 71.2  | 42.3 | 27.7 | 17.7 | 8.7  | 5.3  | 3.8 | 1.1 | 32.8                         | 2778                    |



## RELATIVE HUMIDITY

STATION NAME

61-73

PERIOD

APR  
MONTH

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--|-------|------|------|------|------|------|------|-----|------------------------------|-------------------------|
|        |                   | 10%  | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                         |
| APR    | 00-02             | 100.0  | 100.0 |      |      |      |      |      |      |     | 25.0                         | 2                       |
|        | 03-05             | 100.0  | 96.8  | 41.9 | 29.0 | 29.0 | 22.6 | 16.1 | 12.9 |     | 39.6                         | 31                      |
|        | 06-08             | 98.3   | 85.2  | 58.6 | 32.2 | 20.6 | 11.1 | 6.3  | 2.4  | .2  | 37.2                         | 413                     |
|        | 09-11             | 92.9   | 59.3  | 28.7 | 13.0 | 7.4  | 3.9  | 1.7  | .7   | .4  | 26.2                         | 813                     |
|        | 12-14             | 78.7   | 32.1  | 12.7 | 6.1  | 3.7  | 1.2  | .7   | .7   |     | 19.0                         | 804                     |
|        | 15-17             | 66.3   | 24.3  | 10.0 | 3.2  | 3.8  | 2.3  | 1.3  | .4   | .2  | 17.3                         | 478                     |
|        | 18-20             | 70.6   | 25.3  | 11.9 | 3.9  |      |      |      |      |     | 18.5                         | 17                      |
|        | 21-23             | 100.0  | 72.7  | 16.2 | 18.2 | 18.2 | 9.1  |      |      |     | 29.0                         | 11                      |
|        |                   |  |       |      |      |      |      |      |      |     |                              |                         |
|        |                   |  |       |      |      |      |      |      |      |     |                              |                         |
|        |                   |  |       |      |      |      |      |      |      |     |                              |                         |
|        |                   |  |       |      |      |      |      |      |      |     |                              |                         |
|        |                   |  |       |      |      |      |      |      |      |     |                              |                         |
| TOTALS |                   | 89.4   | 92.2  | 22.7 | 12.7 | 10.3 | 6.3  | 3.3  | 2.1  | .1  | 26.3                         | 2569                    |

## RELATIVE HUMIDITY

**61-73**

PERIOD

MAY  
MONTH

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |     |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--|------|------|------|------|------|------|-----|-----|------------------------------|-------------------------|
|        |                   | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80% | 90% |                              |                         |
| MAY    | 00-02             | 100.0  | 60.0 | 60.0 | 60.0 | 30.0 | 10.0 |      |     |     | 40.4                         | 10                      |
|        | 03-05             | 100.0  | 83.3 | 60.0 | 33.3 | 46.7 | 40.0 | 16.7 | 3.3 |     | 43.0                         | 30                      |
|        | 06-08             | 99.1   | 75.3 | 52.8 | 33.0 | 19.9 | 8.3  | 4.4  | 1.5 | .4  | 34.9                         | 327                     |
|        | 09-11             | 91.4   | 53.1 | 28.4 | 10.3 | 3.4  | 1.6  | 1.1  | .5  | .1  | 24.4                         | 825                     |
|        | 12-14             | 74.7   | 27.4 | 7.8  | 3.2  | 2.5  | 1.4  | 1.0  | .2  |     | 17.6                         | 809                     |
|        | 15-17             | 68.6   | 22.9 | 7.4  | 5.0  | 3.0  | 1.4  |      |     |     | 16.6                         | 363                     |
|        | 18-20             | 67.3   | 35.8 | 32.7 | 13.5 | 3.8  | 1.9  |      |     |     | 23.4                         | 52                      |
|        | 21-23             | 78.3   | 65.2 | 65.2 | 47.8 | 17.4 | 8.7  |      |     |     | 34.2                         | 23                      |
|        |                   |  |      |      |      |      |      |      |     |     |                              |                         |
|        |                   |  |      |      |      |      |      |      |     |     |                              |                         |
|        |                   |  |      |      |      |      |      |      |     |     |                              |                         |
|        |                   |  |      |      |      |      |      |      |     |     |                              |                         |
| TOTALS |                   | 84.9   | 33.4 | 29.2 | 28.3 | 18.2 | 9.2  | 3.9  | .7  | .1  | 29.6                         | 2030                    |

## RELATIVE HUMIDITY

61-73

**PERIOD**

JUN  
MONTH

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
|        |                   | 10%  | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                         |
| JUN    | 00-02             | 100.0  | 100.0 | 70.0 | 60.0 | 30.0 | 40.0 | 20.0 |      |      | 48.3                         | 10                      |
|        | 03-05             | 100.0  | 100.0 | 82.4 | 41.2 | 35.2 | 23.5 | 17.6 | 17.6 | 11.8 | 48.5                         | 17                      |
|        | 06-08             | 99.6   | 82.6  | 65.2 | 41.2 | 21.4 | 11.7 | 5.7  | 2.8  | .6   | 38.8                         | 305                     |
|        | 09-11             | 92.7   | 63.0  | 31.7 | 14.1 | 6.9  | 4.1  | 2.4  | .9   |      | 27.0                         | 808                     |
|        | 12-14             | 80.2   | 32.4  | 12.2 | 5.7  | 2.1  | 2.2  | 1.8  | 1.5  | .4   | 19.8                         | 812                     |
|        | 15-17             | 71.8   | 27.9  | 12.7 | 7.4  | 4.7  | 2.9  | 1.6  | .8   |      | 18.7                         | 380                     |
|        | 18-20             | 80.0   | 20.0  | 22.0 | 14.0 | 6.0  | 4.0  |      |      |      | 20.4                         | 50                      |
|        | 21-23             | 92.8   | 33.1  | 27.2 | 21.2 | 18.8 | 12.5 |      |      |      | 29.9                         | 32                      |
|        |                   |  |       |      |      |      |      |      |      |      |                              |                         |
|        |                   |  |       |      |      |      |      |      |      |      |                              |                         |
|        |                   |  |       |      |      |      |      |      |      |      |                              |                         |
|        |                   |  |       |      |      |      |      |      |      |      |                              |                         |
| TOTALS |                   | 99.8   | 61.2  | 61.9 | 29.9 | 12.2 | 12.7 | 6.1  | 3.0  | 1.6  | 31.2                         | 2614                    |

## RELATIVE HUMIDITY

**61-73**

JUL  
MONTH

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|-------------------------|
|        |                   | 10%  | 20%   | 30%   | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                         |
| JUL    | 00-02             | 100.0  | 88.2  | 74.5  | 70.6 | 64.7 | 52.9 | 11.0 |      |     | 51.2                         | 17                      |
|        | 03-05             | 100.0  | 100.0 | 100.0 | 96.8 | 92.8 | 77.4 | 54.8 | 41.9 | 2.2 | 71.8                         | 31                      |
|        | 06-08             | 99.8   | 99.6  | 98.1  | 84.1 | 62.2 | 29.7 | 21.0 | 10.0 | 2.2 | 57.0                         | 309                     |
|        | 09-11             | 99.6   | 96.4  | 77.9  | 44.5 | 20.0 | 8.5  | 2.6  | 1.0  |     | 40.6                         | 802                     |
|        | 12-14             | 99.4   | 81.0  | 37.8  | 14.5 | 2.4  | 2.9  | 1.6  | .8   | .4  | 29.9                         | 799                     |
|        | 15-17             | 98.4   | 69.9  | 29.8  | 12.1 | 6.1  | 4.0  | 1.8  | .8   | .2  | 27.6                         | 379                     |
|        | 18-20             | 92.1   | 71.1  | 50.0  | 28.9 | 21.1 |      |      |      |     | 31.8                         | 38                      |
|        | 21-23             | 96.7   | 90.0  | 72.2  | 62.2 | 26.7 | 12.2 |      |      |     | 42.0                         | 30                      |
|        |                   |  |       |       |      |      |      |      |      |     |                              |                         |
|        |                   |  |       |       |      |      |      |      |      |     |                              |                         |
|        |                   |  |       |       |      |      |      |      |      |     |                              |                         |
|        |                   |  |       |       |      |      |      |      |      |     |                              |                         |
|        |                   |  |       |       |      |      |      |      |      |     |                              |                         |
| TOTALS |                   | 98.2   | 87.0  | 67.6  | 31.9 | 10.8 | 24.8 | 11.8 | 6.8  | .8  | 44.0                         | 2803                    |

## RELATIVE HUMIDITY

61-73

Aug

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
|        |                   | 10%  | 20%   | 30%   | 40%   | 50%   | 60%  | 70%  | 80%  | 90%  |                              |                         |
| AUG    | 00-02             | 100.0  | 100.0 | 95.0  | 85.0  | 78.0  | 59.0 | 48.0 | 35.0 | 15.0 | 64.4                         | 20                      |
|        | 03-05             | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 85.7 | 71.4 | 38.1 | 11.9 | 76.4                         | 42                      |
|        | 06-08             | 100.0  | 99.8  | 97.2  | 89.2  | 73.0  | 54.4 | 28.1 | 13.5 | 3.6  | 61.7                         | 559                     |
|        | 09-11             | 100.0  | 97.1  | 82.4  | 54.1  | 23.8  | 9.8  | 3.3  | 1.3  |      | 42.7                         | 838                     |
|        | 12-14             | 99.8   | 85.5  | 48.9  | 18.2  | 4.8   | 2.0  | 1.4  | .8   | .1   | 31.7                         | 846                     |
|        | 15-17             | 98.5   | 73.6  | 39.8  | 17.2  | 6.2   | 3.2  | 2.2  | 1.5  | .5   | 29.4                         | 402                     |
|        | 18-20             | 98.1   | 82.3  | 72.2  | 40.7  | 16.7  | 11.1 | 7.4  | 1.9  | 1.9  | 38.5                         | 54                      |
|        | 21-23             | 100.0  | 100.0 | 82.1  | 74.4  | 43.6  | 28.2 | 12.8 | 2.6  |      | 49.6                         | 39                      |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |       |      |      |      |      |                              |                         |
| TOTALS |                   | 99.6   | 92.4  | 77.2  | 59.9  | 43.4  | 21.2 | 21.5 | 11.8 | 4.1  | 49.3                         | 2816                    |

## RELATIVE HUMIDITY

**93061**  
**STATION**

STALLION SITE NM

**61-73**

SEP

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|-------------------------|
|        |                   | 10%  | 20%   | 30%   | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                         |
| SEP    | 00-02             | 100.0  | 100.0 | 100.0 | 81.3 | 56.3 | 30.0 | 43.8 | 25.0 |     | 61.0                         | 16                      |
|        | 03-05             | 100.0  | 100.0 | 97.1  | 88.2 | 82.4 | 58.8 | 38.2 | 20.6 | 5.9 | 63.7                         | 34                      |
|        | 06-08             | 100.0  | 99.5  | 98.4  | 90.4 | 75.7 | 53.3 | 31.3 | 17.1 | 3.7 | 62.5                         | 428                     |
|        | 09-11             | 100.0  | 96.5  | 79.2  | 35.9 | 30.6 | 14.9 | 8.4  | 2.2  | .7  | 44.1                         | 683                     |
|        | 12-14             | 100.0  | 84.8  | 50.7  | 22.8 | 9.9  | 3.8  | 1.9  | 1.0  | .6  | 33.0                         | 684                     |
|        | 15-17             | 98.8   | 78.2  | 38.1  | 20.4 | 11.8 | 7.7  | 3.2  | 2.1  | .6  | 31.8                         | 339                     |
|        | 18-20             | 98.0   | 88.2  | 62.7  | 43.1 | 15.7 | 7.8  | 3.9  | 3.9  | 2.0 | 37.6                         | 31                      |
|        | 21-23             | 100.0  | 92.1  | 89.3  | 81.6 | 60.3 | 42.1 | 18.8 | 13.2 | 2.6 | 33.7                         | 38                      |
|        |                   |  |       |       |      |      |      |      |      |     |                              |                         |
|        |                   |  |       |       |      |      |      |      |      |     |                              |                         |
|        |                   |  |       |       |      |      |      |      |      |     |                              |                         |
|        |                   |  |       |       |      |      |      |      |      |     |                              |                         |
|        |                   |  |       |       |      |      |      |      |      |     |                              |                         |
| TOTALS |                   | 99.6   | 92.4  | 77.0  | 60.3 | 42.9 | 29.8 | 18.2 | 10.9 | 2.0 | 48.7                         | 2273                    |

**USAFETAC**

**FORMS**  
**10-10-1**

0-87-5 (OL A)

## RELATIVE HUMIDITY

61-63-73

267  
MONTH

[illegible]

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

93061  
STATION

STALLION SITE NM  
STATION NAME

61.63-73  
PERIOD

NOV  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
|        |                   | 10%  | 20%   | 30%   | 40%   | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                         |
| NOV    | 00-02             | 100.0  | 100.0 | 100.0 | 66.7  | 66.7 | 66.7 | 66.7 |      |      | 58.0                         | 3                       |
|        | 03-05             | 100.0  | 100.0 | 100.0 | 100.0 | 36.4 | 18.2 | 9.1  |      |      | 50.6                         | 11                      |
|        | 06-08             | 100.0  | 100.0 | 96.0  | 87.1  | 70.9 | 48.9 | 29.1 | 12.9 | 2.9  | 60.5                         | 278                     |
|        | 09-11             | 100.0  | 93.3  | 78.2  | 50.6  | 29.9 | 13.3 | 7.7  | 4.4  | 1.7  | 43.9                         | 666                     |
|        | 12-14             | 98.8   | 77.6  | 46.9  | 19.1  | 8.8  | 5.1  | 3.9  | 1.9  | .6   | 32.0                         | 670                     |
|        | 15-17             | 97.3   | 69.0  | 38.9  | 14.4  | 7.0  | 3.2  | 3.6  | 1.6  | .7   | 29.3                         | 445                     |
|        | 18-20             | 100.0  | 82.1  | 64.1  | 48.7  | 33.3 | 20.5 | 13.4 | 7.7  | 2.6  | 43.4                         | 39                      |
|        | 21-23             | 100.0  | 100.0 | 92.3  | 76.9  | 69.2 | 53.8 | 30.8 | 23.1 | 13.4 | 60.4                         | 13                      |
|        |                   |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |      |      |      |      |      |                              |                         |
| TOTALS |                   | 99.5   | 70.5  | 77.1  | 57.9  | 40.3 | 29.2 | 20.8 | 6.5  | 3.0  | 47.3                         | 2125                    |



## RELATIVE HUMIDITY

**PERIOD**

DEC  
MONT

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
|        |                   | 10%  | 20%   | 30%   | 40%   | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                         |
| DEC    | 00-02             | 100.0  | 80.0  | 80.0  | 80.0  | 60.0 | 60.0 | 20.0 | 20.0 | 20.0 | 36.2                         | 9                       |
|        | 03-05             | 100.0  | 33.3  |       |       |      |      |      |      |      | 19.7                         | 3                       |
|        | 06-08             | 99.6   | 99.3  | 96.4  | 89.8  | 77.1 | 59.3 | 42.9 | 19.6 | 4.0  | 64.5                         | 273                     |
|        | 09-11             | 99.9   | 97.2  | 86.7  | 66.3  | 43.1 | 29.7 | 19.3 | 9.8  | 3.4  | 51.2                         | 683                     |
|        | 12-14             | 98.6   | 83.6  | 59.1  | 34.0  | 19.4 | 12.9 | 7.4  | 4.7  | 1.7  | 37.8                         | 665                     |
|        | 15-17             | 97.7   | 78.5  | 47.8  | 29.1  | 16.9 | 11.9 | 8.0  | 5.7  | 2.1  | 35.0                         | 437                     |
|        | 18-20             | 100.0  | 86.4  | 72.7  | 40.9  | 27.3 | 22.7 | 18.2 | 18.2 | 9.1  | 44.7                         | 22                      |
|        | 21-23             | 100.0  | 100.0 | 100.0 | 100.0 | 44.4 | 44.4 | 33.3 | 33.3 | 11.1 | 61.1                         | 9                       |
|        |                   |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                   |  |       |       |       |      |      |      |      |      |                              |                         |
| TOTALS |                   | 99.5   | 82.5  | 67.8  | 33.0  | 26.2 | 20.1 | 18.7 | 13.9 | 6.4  | 46.4                         | 2099                    |

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART F

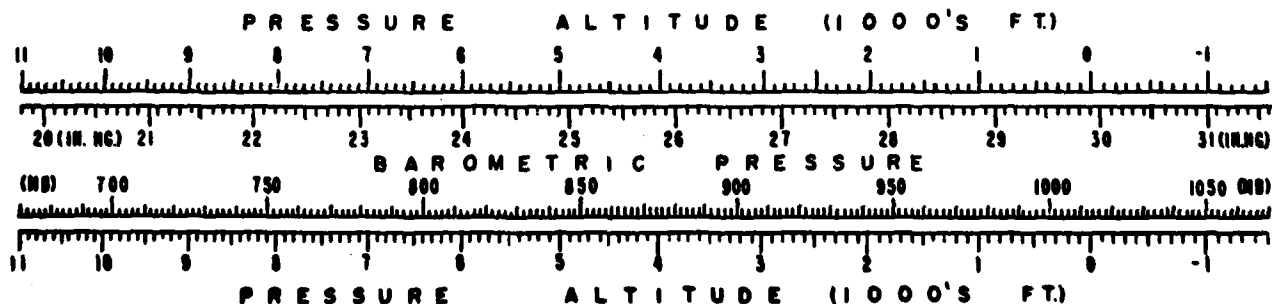
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

93061

STALLION SITE NM

61-73

| STATION     |                          | STATION NAME   |      |      |      |   |      |      |      |      |      |      |        | YEARS                  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|--------------------------|--|------|------|------|---|------|------|------|------|------|------|--------|------------------------|--|--|--|--|--|--|--|--|--|--|--|
| HRS (L S T) |                          | JAN.   | FEB. | MAR. | APR. | MAY   | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC.   | ANNUAL                 |  |  |  |  |  |  |  |  |  |  |  |
| 02          | MEAN<br>S D<br>TOTAL OBS | 25.17024.96025.122<br>.163<br>3 2 4  |      |      |      | 25.01325.12025.06625.13925.08024.970<br>.074 .094 .124<br>5 7 6 1 1 |      |      |      |      |      |      | 25.140 | 25.090<br>.135<br>32   |  |  |  |  |  |  |  |  |  |  |  |
| 05          | MEAN<br>S D<br>TOTAL OBS | 25.01724.93025.01425.08625.14925.03625.13625.13925.07325.12625.14025.100<br>.331 .294 .141 .152 .124 .115 .066 .099 .130 .120 .123<br>4 7 12 14 14 9 16 20 15 13 6 1                       |      |      |      |   |      |      |      |      |      |      |        | 25.093<br>.145<br>121  |  |  |  |  |  |  |  |  |  |  |  |
| 08          | MEAN<br>S D<br>TOTAL OBS | 25.11825.10225.04525.05725.09125.10725.17125.16525.15225.16125.14025.097<br>.149 .148 .149 .141 .113 .096 .061 .083 .096 .129 .155 .183<br>223 225 289 273 274 267 266 286 227 241 222 228 |      |      |      |   |      |      |      |      |      |      |        | 25.116<br>.135<br>3054 |  |  |  |  |  |  |  |  |  |  |  |
| 11          | MEAN<br>S D<br>TOTAL OBS | 25.12525.10625.03525.04025.07125.08425.15425.15525.14325.15125.13325.106<br>.147 .148 .152 .145 .114 .098 .060 .079 .095 .130 .153 .141<br>269 229 288 272 273 271 268 286 228 241 222 227 |      |      |      |   |      |      |      |      |      |      |        | 25.107<br>.135<br>3036 |  |  |  |  |  |  |  |  |  |  |  |
| 14          | MEAN<br>S D<br>TOTAL OBS | 25.05525.03024.96524.97825.01125.02625.09925.10025.08525.08425.06725.037<br>.159 .146 .151 .141 .113 .095 .061 .082 .094 .144 .161 .178<br>248 228 287 268 270 269 262 279 227 238 222 219 |      |      |      |   |      |      |      |      |      |      |        | 25.043<br>.138<br>2017 |  |  |  |  |  |  |  |  |  |  |  |
| 17          | MEAN<br>S D<br>TOTAL OBS | 25.17525.00924.96124.98924.93724.95725.05725.05125.06425.07025.01425.057<br>.143 .164 .150 .139 .109 .168 .067 .110 .091 .140 .137 .146<br>13 16 23 13 23 28 15 23 27 22 21 16             |      |      |      |   |      |      |      |      |      |      |        | 25.021<br>.136<br>242  |  |  |  |  |  |  |  |  |  |  |  |
| 20          | MEAN<br>S D<br>TOTAL OBS | 25.11025.09024.97525.01224.94724.96225.08725.09325.08525.10525.08025.156<br>.207 .194 .159 .100 .095 .126 .084 .090 .098 .163 .11 .156<br>5 5 10 5 14 15 12 16 12 10 10 5                  |      |      |      |   |      |      |      |      |      |      |        | 25.041<br>.136<br>120  |  |  |  |  |  |  |  |  |  |  |  |
| 23          | MEAN<br>S D<br>TOTAL OBS | 25.05725.02025.05025.11025.02625.00025.11025.14625.12625.17024.99325.133<br>.194 .150 .091 .075 .079 .061 .087 .173<br>3 4 7 2 3 7 9 9 10 4 3 3  |      |      |      |   |      |      |      |      |      |      |        | 25.084<br>.127<br>60   |  |  |  |  |  |  |  |  |  |  |  |
| ALL HOURS   | MEAN<br>S D<br>TOTAL OBS | 25.10125.07625.01425.02625.05425.06025.13925.15825.12225.13025.10925.081<br>.157 .154 .155 .146 .120 .166 .070 .088 .101 .139 .159 .182<br>778 719 920 847 880 867 833 926 753 770 706 700 |      |      |      |   |      |      |      |      |      |      |        | 25.087<br>.140<br>9719 |  |  |  |  |  |  |  |  |  |  |  |

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